

PHYSICAL  
SCI. LIB.

TC  
824

C2

A2

NO. 130-

85

V. 5





UNIVERSITY OF CALIFORNIA  
DAVIS  
JUN 21 1988  
CALIF. DEPOS.  
GOV'T. DOCS. - LIBRARY

Bulletin 130-85  
May 1988

# HYDROLOGIC DATA 1985

## Volume V: Southern California



Arden K. Van Vleck  
Secretary for Resources  
Resources Agency

George Deukmejian  
Governor  
State of California

David N. Kennedy  
Director  
Department of Water Resources

Copies of this bulletin at \$10.00 may be  
ordered from

State of California  
DEPARTMENT OF WATER RESOURCES  
P. O. Box 942836  
Sacramento, CA 94236-0001

Make checks payable to  
Department of Water Resources  
California residents add 6 percent sales tax



ON THE COVER Sierra Madre water spreading grounds in the foothills of the San Gabriel Mountains use diverted storm flows to recharge the ground water supplies. Ground water supplies in Los Angeles County are augmented annually by spread or injected water from the Colorado River, flood flows, and reclaimed water.

**Department of  
Water Resources**

**Bulletin 130-85**

# **HYDROLOGIC DATA 1985**

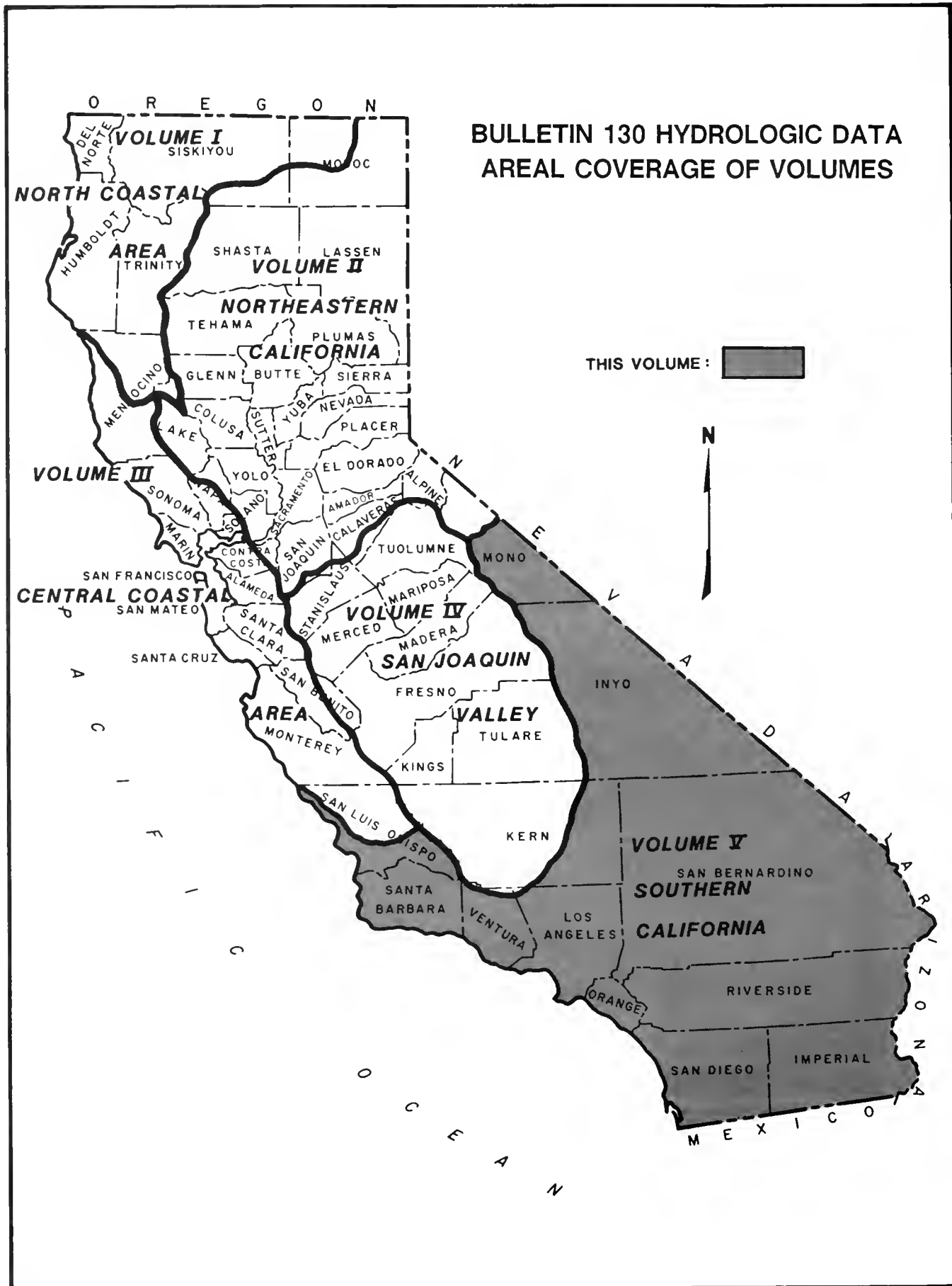
**Volume V:  
Southern California**

**May 1988**

**Gordon K. Van Vleck  
Secretary for Resources  
The Resources  
Agency**

**George Deukmejian  
Governor  
State of  
California**

**David N. Kennedy  
Director  
Department of  
Water Resources**



## FOREWORD

Department of Water Resources' Bulletin 130 series, which presents hydrologic data for California, was published annually from 1963 to 1975. The series was discontinued with the advent of the storage and retrieval of hydrologic data by electronic data processing methods. However, continued interest in the series prompts resumption of publication.

The first in the resumed series is Bulletin 130-85. It contains hydrologic data for the 1985 water year (October 1, 1984 through September 30, 1985). The Bulletin is published in five volumes, each of which reports on one of the five areas of the State delineated on the facing map. This volume covers Southern California.

The data collection program of the Department of Water Resources supplements similar activities by other agencies to obtain the information required for effective water resources planning, design and operation of water facilities, and for control and management of the State's water resources.



David N. Kennedy, Director  
Department of Water Resources

# CONTENTS

	Page
BULLETIN 130 HYDROLOGIC DATA AREAL COVERAGE OF VOLUMES .....	ii
FOREWORD .....	iii
CALIFORNIA WATER COMMISSION .....	vi
ORGANIZATION, DEPARTMENT OF WATER RESOURCES .....	vii
ACKNOWLEDGMENTS .....	viii
INTRODUCTION .....	1
Station Location and Identification .....	1
Areal Designation Code .....	2
Agency Code .....	2
Additional Information .....	inside back cover

## APPENDIXES

APPENDIX A – CLIMATOLOGICAL DATA .....	11
Table A      Monthly Precipitation, .....	15
APPENDIX B – SURFACE WATER MEASUREMENT .....	21
Index to Daily Mean Discharge Table .....	22
Table B.      Daily Mean Discharge .....	26
APPENDIX C – SURFACE WATER QUALITY .....	37
Sampling Station Index, Southern California .....	38
Table C-1.    Mineral Analyses of Surface Water .....	47
Table C-2.    Minor Element Analyses of Surface Water .....	60
Table C-3.    Miscellaneous Analyses of Surface Water .....	62
Table C-4.    Nutrient Analyses of Surface Water .....	66
APPENDIX D – GROUND WATER MEASUREMENTS .....	71
Appendix D Cross Reference: Ground Water Basin—Areal Code .....	75
Table D.      Ground Water Levels at Wells .....	81
APPENDIX E – GROUND WATER QUALITY .....	161
Appendix E Cross Reference: Ground Water Basin—Areal Code .....	164
Table E-1.    Mineral Analyses of Ground Water .....	167
Table E-2    Minor Element Analyses of Ground Water .....	192
Table E-3    Miscellaneous Analyses of Ground Water .....	200
Table E-4    Nutrient Analyses of Ground Water .....	202



## CONTENTS (continued)

### FIGURES

1. Hydrologic Basins of California .....	3
2. Areal Codes and Townships	
Central Coastal Basin .....	4
Los Angeles Basin .....	5
Santa Ana Basin .....	6
South Lahontan Basin .....	7
San Diego Basin .....	8
Colorado River Basin .....	9
3. Hydrologic Basins and Units for Locating Climatological Stations in Vol. V .....	12
4. Location of Surface Water Measurement Stations	
Los Angeles Basin .....	24
South Lahontan Basin .....	25
5. Location of Surface Water Quality Stations	
Central Coastal Basin .....	41
Los Angeles Basin .....	42
Santa Ana Basin .....	43
South Lahontan Basin .....	44
San Diego Basin .....	45
Colorado River Basin .....	46
6. Township and Range System of California .....	72
7. Location of Ground Water Basins—Measurement	
Central Coastal and South Coastal Basins .....	78
South Lahontan Basin .....	79
Colorado River Basin .....	80
8. Location of Ground Water Basins—Quality	
Central Coastal and South Coastal Basins .....	165
South Lahontan Basin .....	166

State of California  
The Resources Agency  
Department of Water Resources

**CALIFORNIA WATER COMMISSION**

Clair A. Hill, Chairman, Redding,  
Stanley M. Barnes, Vice Chairman, Visalia

Harold W. Ball ..... La Mesa  
Katherine B. Dunlap ..... Los Angeles  
Leon E. Henry ..... Victorville  
James J. Lenihan ..... Los Altos  
Martin A. Matich ..... San Bernardino  
Audrey Z. Tennis ..... Chico  
Jack G. Thomson ..... Bakersfield

Orville L. Abbott  
Executive Officer and Chief Engineer

Tom Y. Fujimoto  
Assistant Executive Officer

The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, acts as a liaison between the legislative and executive branches of State Government, and coordinates federal, state, and local water resources efforts.

STATE OF CALIFORNIA  
George Deukmejian, Governor

THE RESOURCES AGENCY  
Gordon K. Van Vleck, Secretary for Resources

DEPARTMENT OF WATER RESOURCES  
David N. Kennedy, Director

John P. Caffrey  
Deputy Director

Robert G. Potter  
Deputy Director

Robert E. Whiting  
Deputy Director

Salle S. Jantz  
Assistant Director

Susan N. Weber  
Chief Counsel

**DIVISION OF PLANNING**

Arthur C. Gooch ..... Chief  
Robert W. Miller ..... Chief, Support Branch  
Dennis Letl ..... Chief, Staff Services

**This bulletin was prepared under the supervision of**

Edwin A. Ritchie ..... Chief, Water Resources Data Section

**by**

Andrew P. George ..... Associate Engineer, Water Resources  
Harley R. Woodworth ..... Associate Engineer, Water Resources  
Harold B. Knight ..... Water Resources Engineering Associate  
Matthew B. Winston ..... Junior Engineering Technician  
Rhonda L. Payne ..... Office Technician  
Holly A. Quan ..... Student Assistant

**Assistance in preparation of this bulletin was provided by the**

**SOUTHERN DISTRICT**

Carlos Madrid ..... Chief, Southern District  
Ahmad A. Hassan, Ph. D ..... Chief, Resources Inventory Branch  
William S. Hudson ..... Program Manager  
Vern T. Knoop ..... Program Manager  
Edward J. Low ..... Associate Engineer, Water Resources  
Robert Sullivan ..... Associate Engineer, Water Resources  
George Taketa (retired) ..... Water Resources Technician I  
Vance Dean ..... Data Processing Technician  
Linda Holguin ..... Office Technician  
Cynthia Miller-Corbett ..... Graduate Student Assistant

## ACKNOWLEDGMENTS

Department data collection activities have been aided by various public and private agencies and by many private citizens. This cooperation is gratefully acknowledged. Special mention is made of the following agencies which have made substantial contributions to this volume.

Anaheim, City  
Coachella Valley Water District  
Cucamonga County Water District  
Gage Canal Company  
Los Angeles County Department of Public Works  
Metropolitan Water District of Southern California, The  
National Weather Service  
Orange County Water District  
Ramona Municipal Water District  
Redlands, City  
Riverside, City  
San Bernadino, City  
San Bernadino County Flood Control District  
San Bernadino, East, County Water District  
San Diego, City  
San Luis Obispo County Flood Control and Water Conservation District  
Santa Maria Valley Water Conservation District  
Santa Paula Water Works Limited  
Southern California Water Company  
Temescal Water Company  
United Water Conservation District (Ventura County)  
Ventura County Flood Control District  
Vista Irrigation District  
Western Municipal Water District

## INTRODUCTION

Bulletin 130-85 presents data on the quantity and quality of California's water resources for the water year October 1, 1984 through September 30, 1985. These data were collected by the Department of Water Resources and other organizations cooperating with the Department. The data are published in five volumes (for areal coverage of volumes see page ii). This volume encompasses Southern California. Each volume contains data presented in five appendixes as follows:

Appendix	Subject
A	Precipitation Measurements
B	Surface Water Measurements
C	Surface Water Quality
D	Ground Water Measurements
E	Ground Water Quality

Inquiries regarding the data in this publication should be directed to the offices of the Department of Water Resources listed inside the back cover. The Department's files also contain some data currently not being published, which are also available from these offices.

Additional information about the availability of hydrologic data for California will be found in Department of Water Resources Bulletin 230 series "Index to Sources of Hydrologic Data." This reference series presents an inventory of historic hydrologic data on file with the Department. The most recent issue is Bulletin 230-81. A new edition is in preparation.

### Station Location and Identification

The locations of surface water measurement and surface water quality data stations are shown on figures included with the respective appendix. Because there are so many precipitation stations and individual wells, plotting them on a map in this volume is impractical. Instead, figures are presented in the respective appendix which delineate the areas for which data are listed in the volume.

The principal identifiers for locating hydrologic data stations are (1) station name, (2) station number, (3) latitude and longitude, (4) township, range and section (T,R and S) and (5) county. All are used in this publication, but vary with the type of data and common usage. For example, in ground water the township, range and section serve as the station name and number.

A sixth identifier, an areal one, is employed in this publication. Called the "Areal Designation Code," it is the signature for the Department's Areal Designation System which was developed to relate all water resources data to areal location. The Areal Designation System and Code are described in the following section.

Detailed explanations of the station names and station numbers used for each type of data appear with the appendix in which the data appear.

Latitude is the angular measurement from the equator, north or south, to a point of interest on the earth's surface. Longitude is the angular measurement from the prime meridian (zero point) at Greenwich, England, east or west, to a point of interest on the earth's surface. Latitude and longitude are given in degrees, minutes and seconds. A difference of one second of latitude represents about

100 feet on the ground. In California, a difference of one second of longitude represents about 85 feet on the ground.

### **Areal Designation Code**

The areal designation code (called simply the "areal code") is an alphanumeric which designates a specific hydrologic area in the State.

Areal designation defines hydrologic boundaries throughout California. Under this system, the State is divided into four geographic levels based on topography, hydrology, geology and occasionally, institutional considerations. These are designated, in decreasing size, hydrologic basin (HB), hydrologic unit (HU), hydrologic area (HA) and hydrologic subarea (HSA). The first level, the hydrologic basin, is the land area defined by the highest surrounding ridges such that each separate land area is easily identified as independent of the others. There are 12 hydrologic basins in California and each is identified by a letter (see Figure 1). Each of the hydrologic basins is divided into a hydrologic unit which encompasses a major watershed, two or more small contiguous watersheds having similar characteristics, or a closed drainage area. The third level of subdivision is the hydrologic area and the fourth and smallest breakdown is the hydrologic subarea. The latter usually is a single ground water basin, a definable portion of a larger ground water basin, a tributary area of a stream system, or a definable portion of a large stream tributary.

The code used to identify each subdivision consists of five characters; a letter for the hydrologic basin; two numerics for the hydrologic unit; a letter for the hydrologic area; and a single numeric for the hydrologic subarea; i.e., T-10.A2 designates the Arroyo de la Cruz Hydrologic Subarea in this volume.

Because several stations may be located in a given hydrologic subarea, the areal code facilitates locating and comparing nearby stations be they precipitation, streamflow, water quality or ground water stations. The areal code is used as an identifier for all stations in this report. The Water Data Information System (WDIS), a computerized data system of the Department of Water Resources, can retrieve all data types by areal code.

Areal codes and boundaries for this volume appear on Figure 2. A map showing all areal codes and boundaries in California as well as a list of all 1,309 subdivisions and their names is available on request.

### **Agency Code**

Reference is made in various tables in this publication to code numbers used to identify agencies collecting data, operating stations, or performing laboratory analysis (Lab). The agencies or laboratories may be identified by matching the tabulated code number with one of the code numbers listed at the beginning of the respective appendix. A complete cross index of agencies and code numbers is available on request.

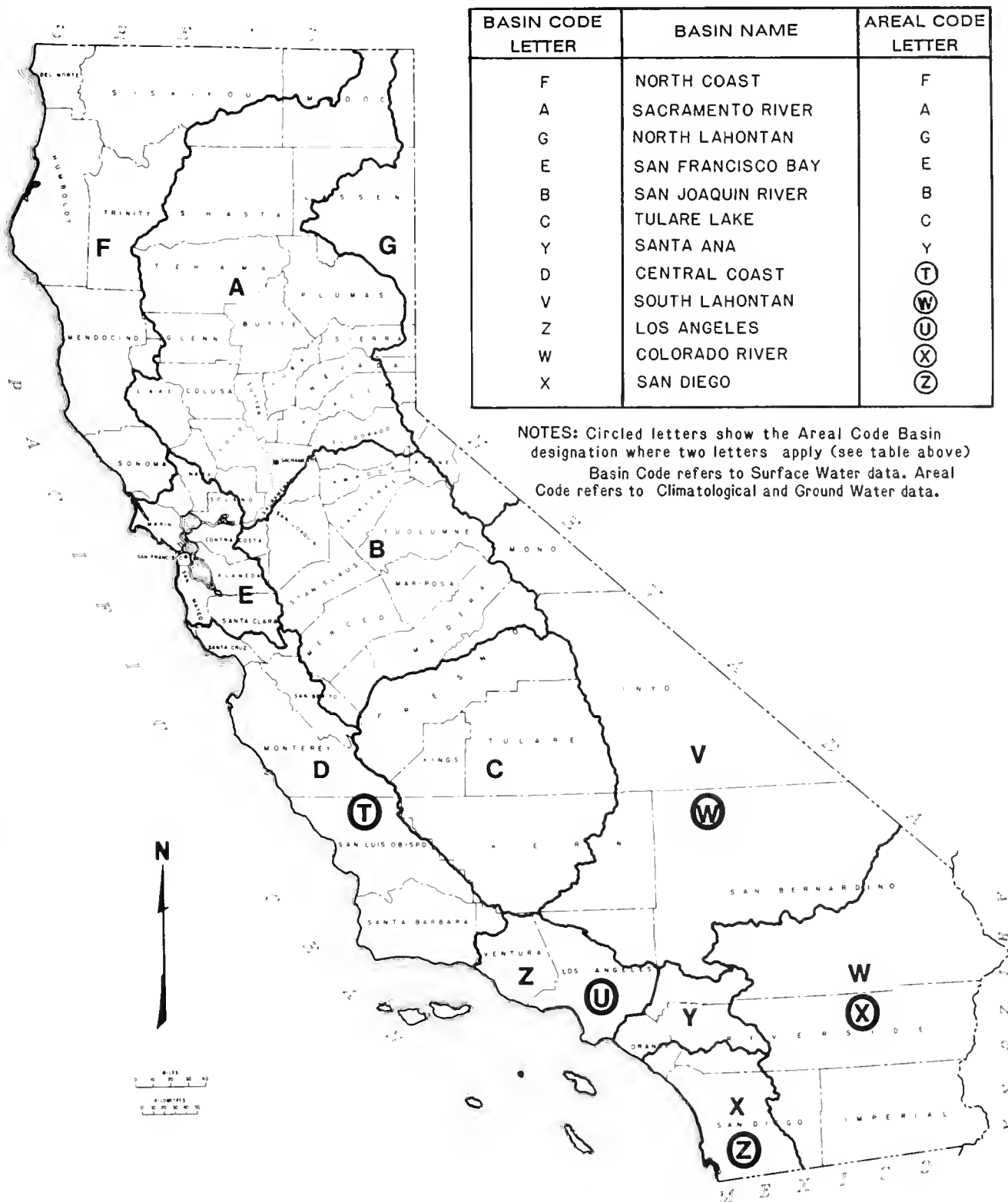
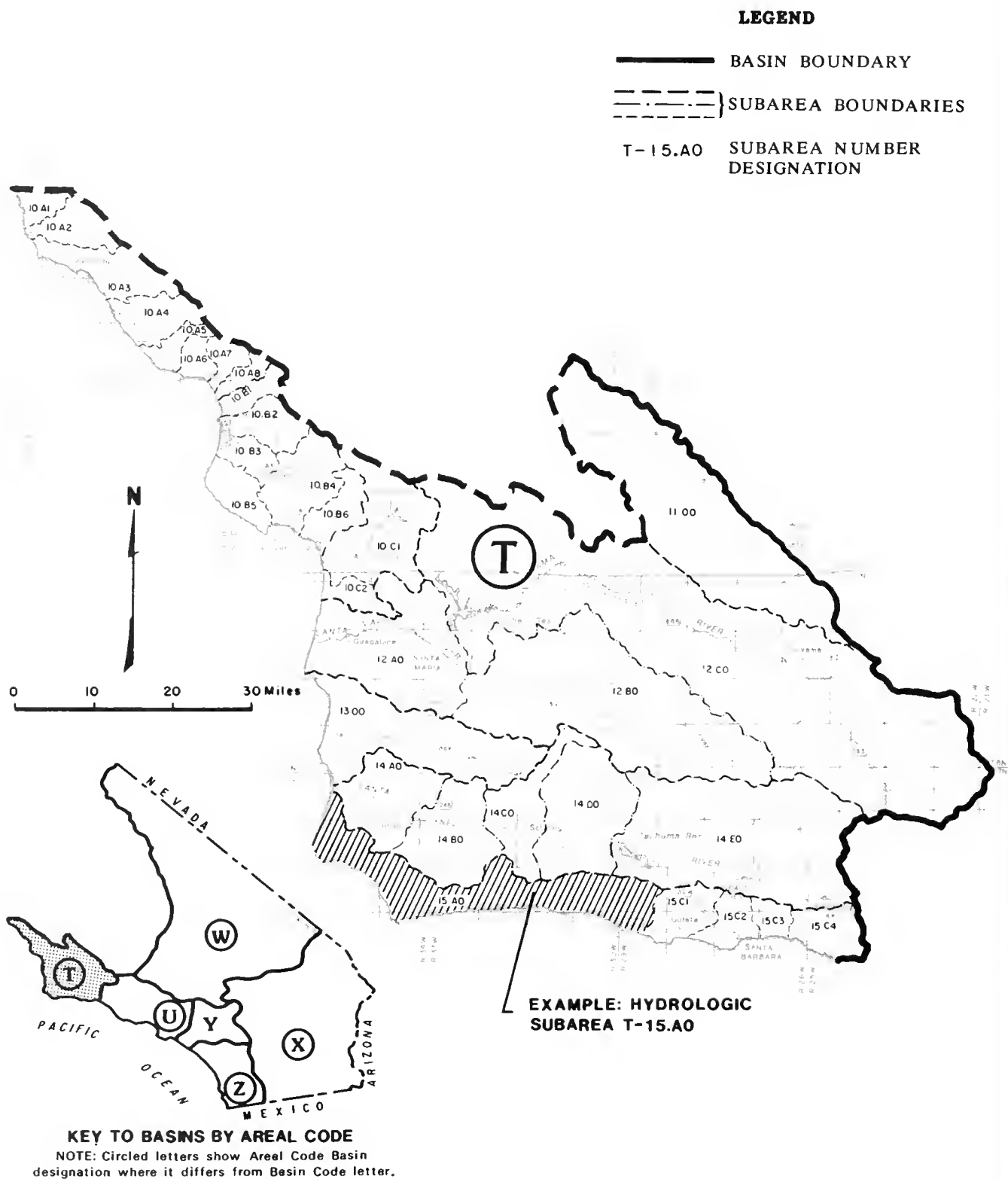


Figure 1. HYDROLOGIC BASINS OF CALIFORNIA



**Figure 2 AREAL CODES AND TOWNSHIPS  
CENTRAL COASTAL BASIN**



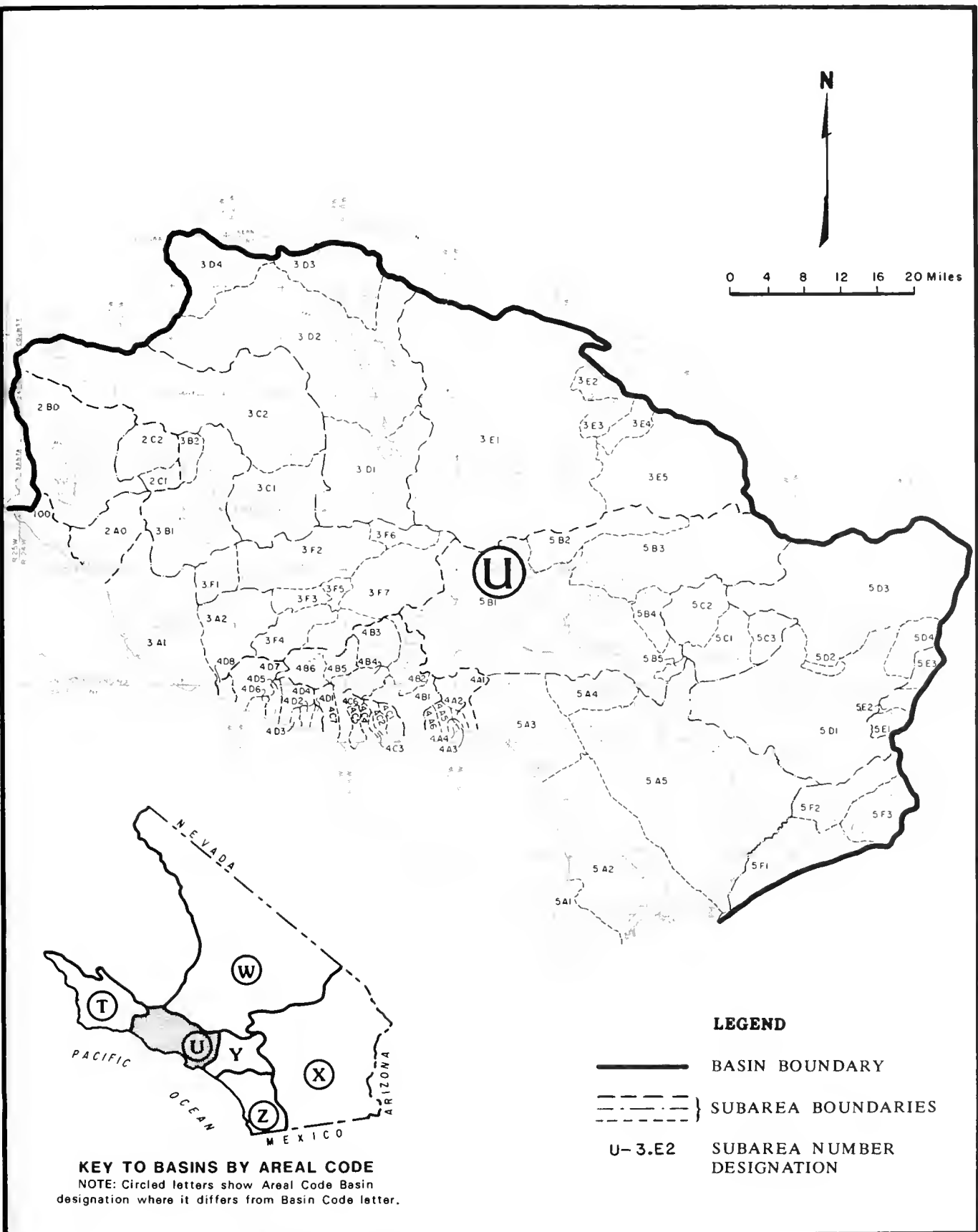
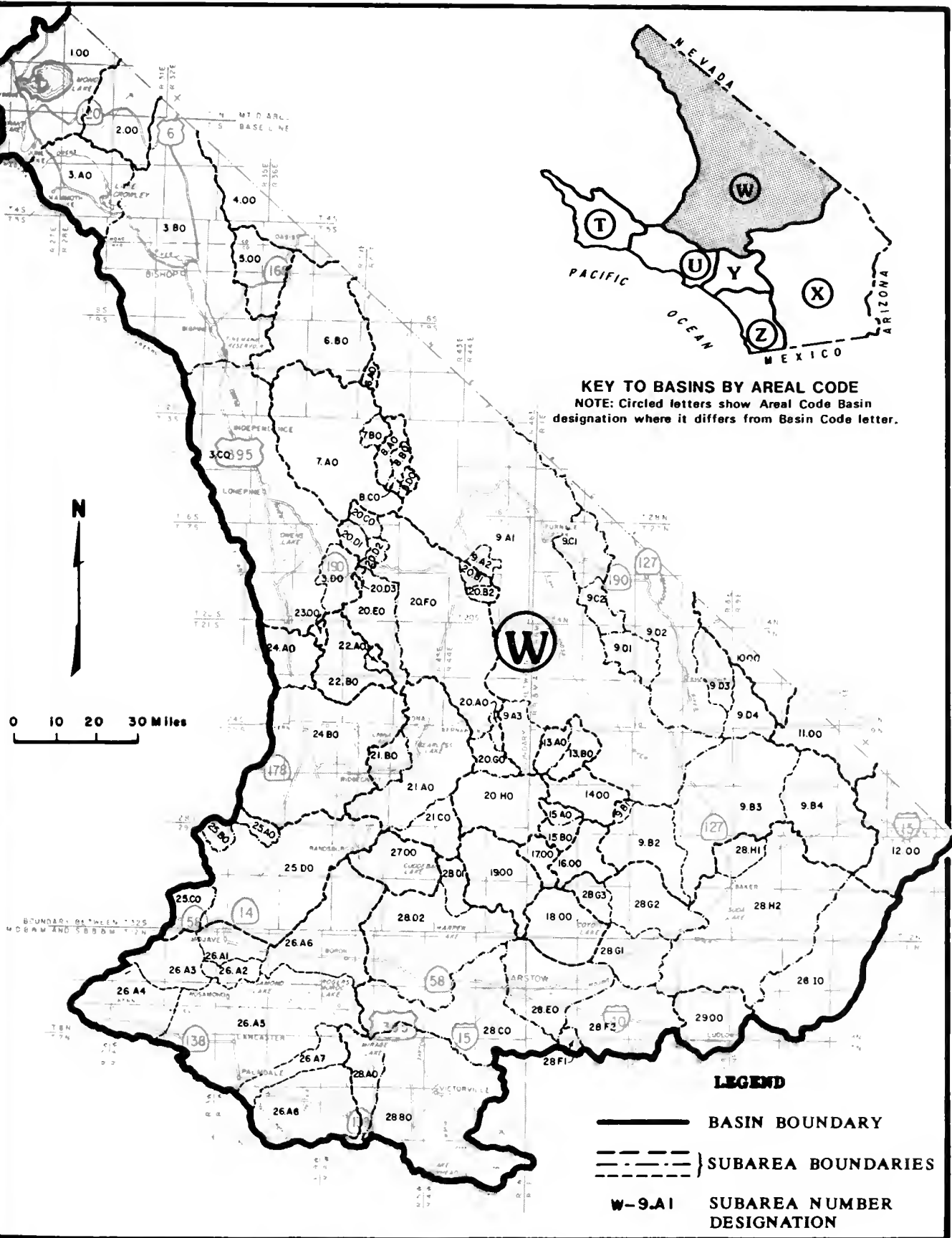


Figure 2 AREAL CODES AND TOWNSHIPS  
LOS ANGELES BASIN

- 6 -



**Figure 2 AREAL CODES AND TOWNSHIPS  
SOUTH LAHONTAN BASIN**

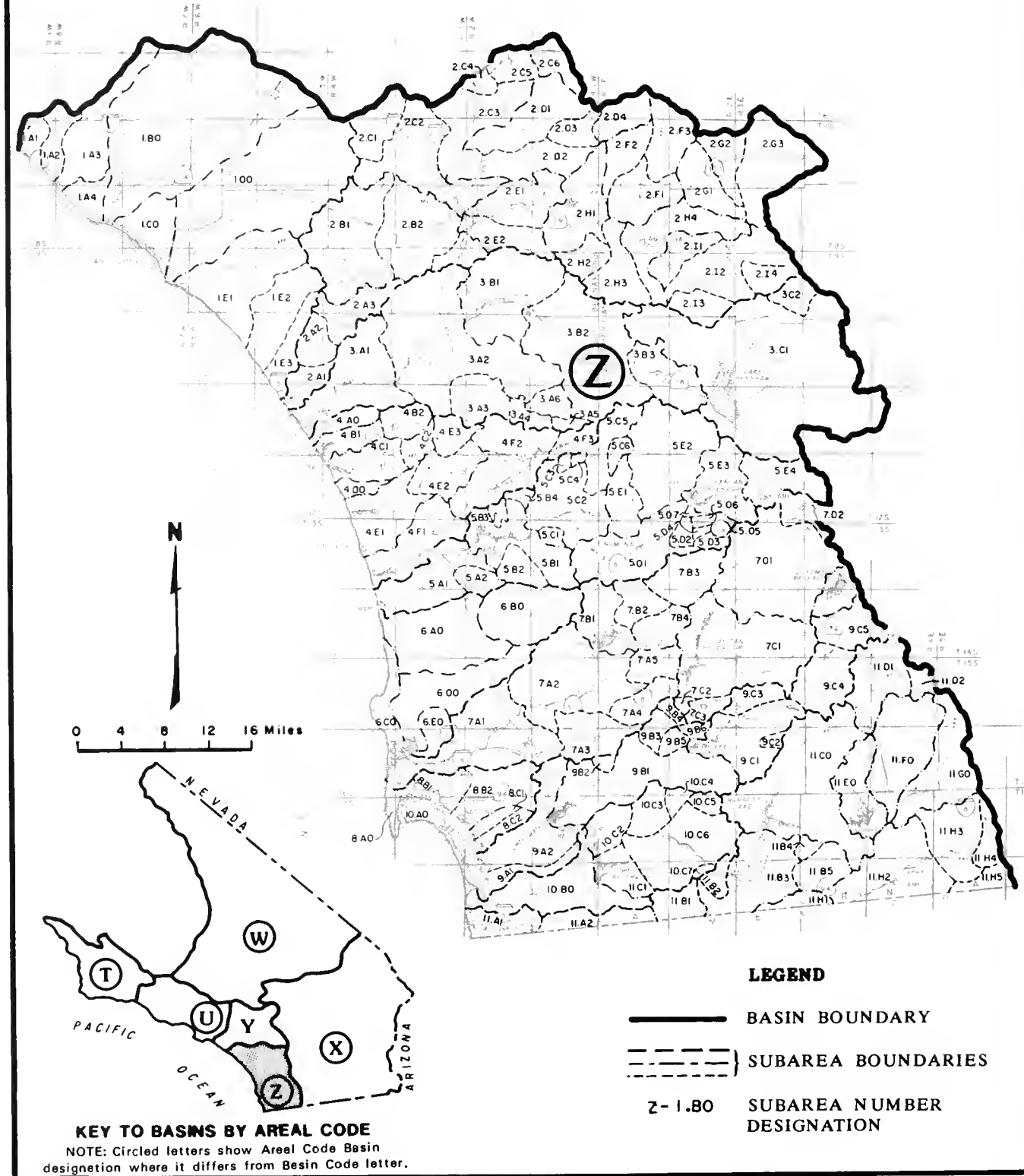
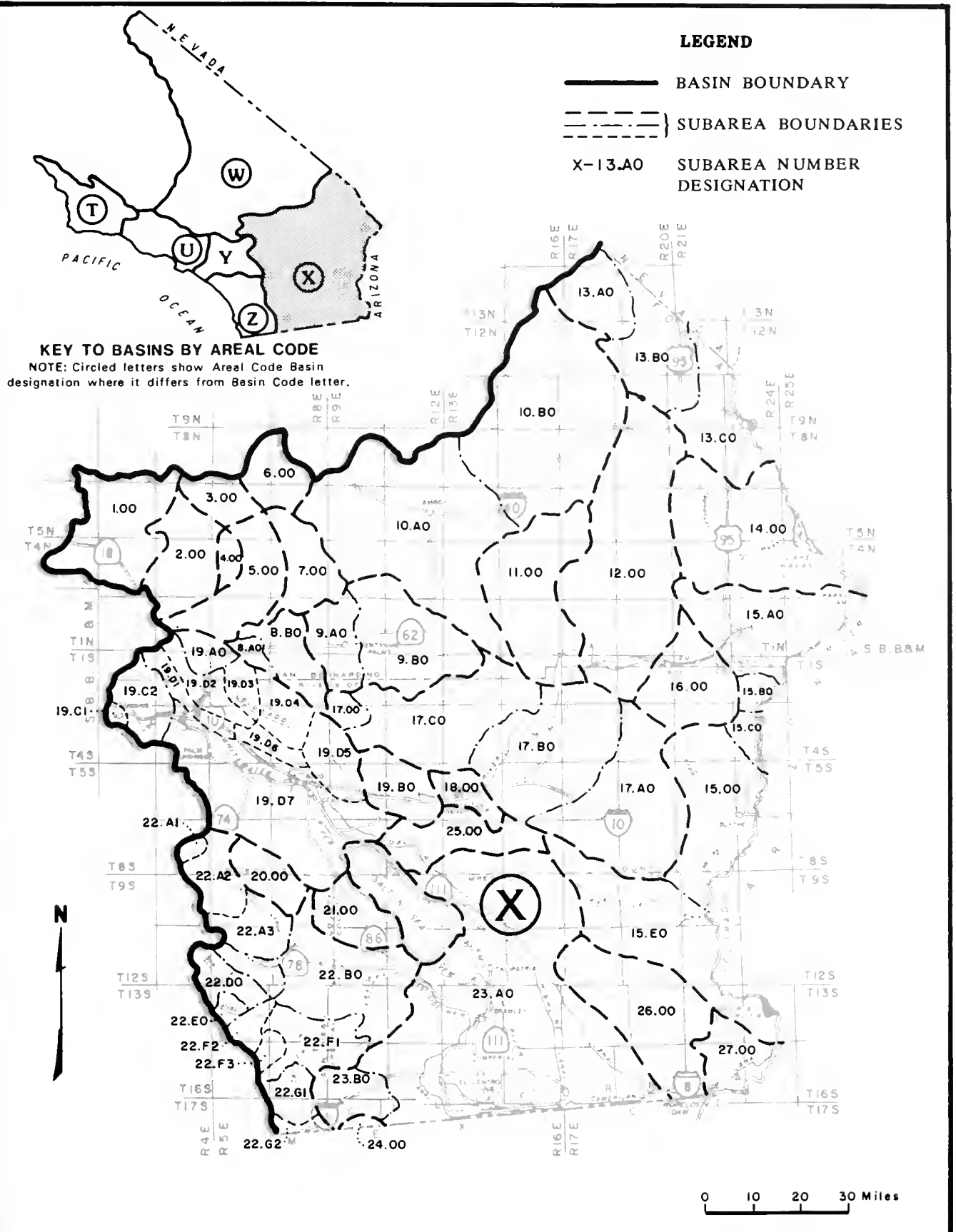


Figure 2 AREAL CODES AND TOWNSHIPS  
SAN DIEGO BASIN



**Figure 2 AREAL CODES AND TOWNSHIPS  
 COLORADO RIVER BASIN**



## APPENDIX A

### CLIMATOLOGICAL DATA

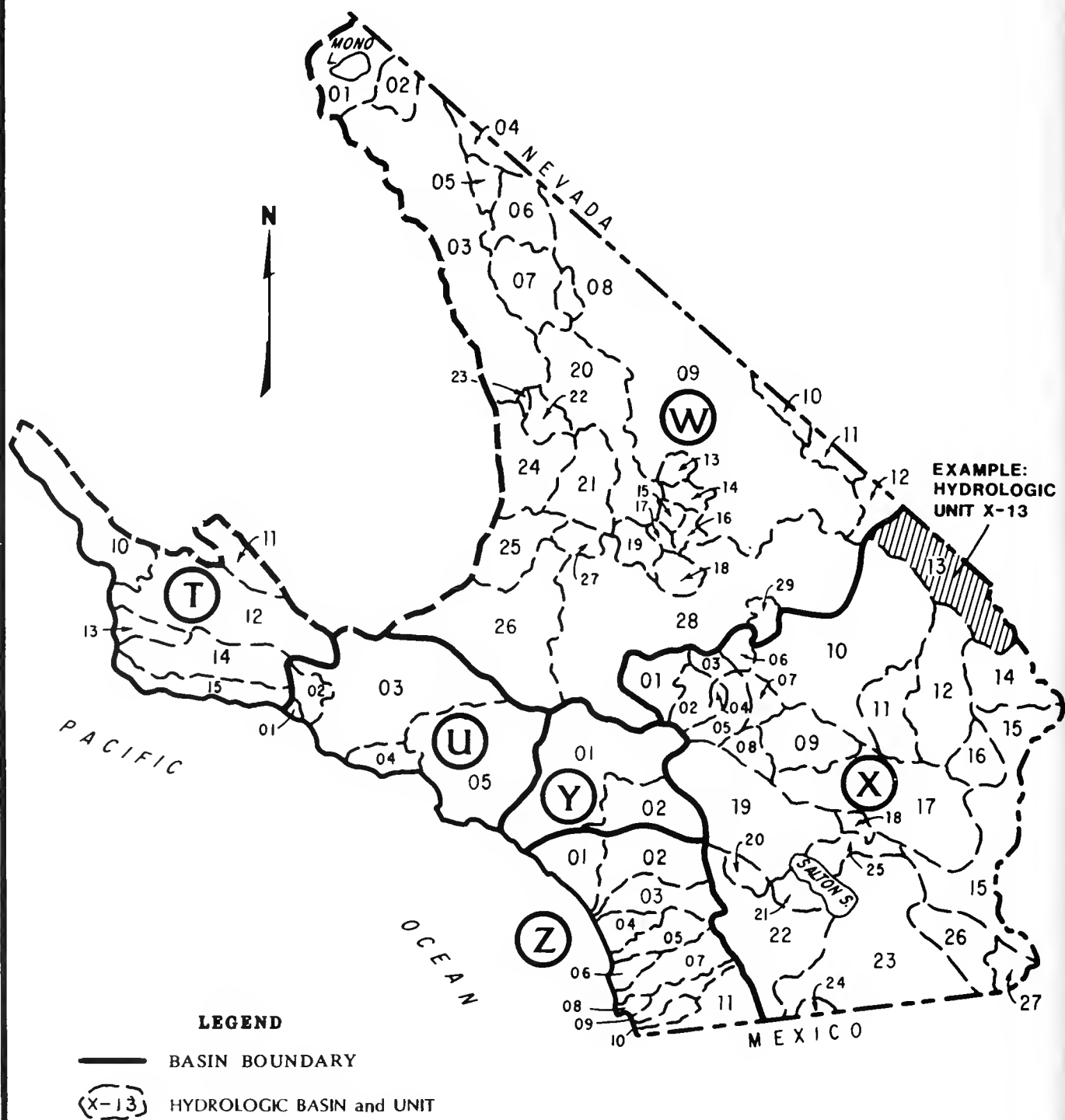


Figure 3 HYDROLOGIC BASINS AND UNITS FOR  
LOCATING CLIMATOLOGICAL STATIONS IN VOLUME V



## APPENDIX A

### CLIMATOLOGICAL DATA

Appendix A (Table A) presents precipitation data for certain climate stations in Southern California for the water year October 1, 1984 through September 30, 1985.

The first character of the nine character climatological station number indicates the major basin in which the station is located. This character is one of the areal code letters shown on Figure 1. The next two characters designate the hydrologic units in the major basin. Because there are so many stations, (456 to be exact) plotting the location of each on a map in this volume is impractical. Instead, to facilitate locating the stations listed, the hydrologic basins and units for climatological stations in this volume are shown on Figure 3 (facing page).

The fourth through the ninth characters denote the sequence of the stations under an alphanumeric system developed by the National Weather Service. (The fourth through seventh characters are the same as the four-digit station numbers used by the National Weather Service.)

Climatological stations are often named after the nearest post office and the distance and direction to the station. Distance is in miles, and the direction is represented in one of 16 compass points. For example, El Centro 2 SSW denotes a station located 2 miles south southwest of the post office at El Centro. When two observers (stations) are situated in the same general location, the town name is sometimes followed by the name of the observer. For example; Glendale-Jones, where Glendale is the place name and Jones is the observer. The responsibility for selecting the station name generally rests with the agency or individual who establishes the station.

The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Common abbreviations are:

AP - Airport  
FS - Fire Station  
HMS - Highway Maintenance Station  
LO - Lookout  
PH - Power House  
RS - Ranger Station  
SP - State Park  
STA - Station

The Department gives latitude and longitude to the nearest second when the value is known, but the National Weather Service lists stations by degree and minute only. A zero value or a blank space for "seconds" in the latitude and longitude columns means that these values have been obtained from the National Weather Service, and the location has not been verified in the field.

Elevations are given in feet from USGS mean sea level datum, and are usually obtained by interpolation between contours of USGS topographic maps.

Precipitation values are shown to the nearest hundredth of an inch (0.01"). (Where digital recording rain gages that only record to the nearest tenth of an inch are used, a zero is shown in the second decimal place.)

The following notations are used to qualify the values:

- No record or incomplete record
- B Record began
- E Estimated in some degree
- N Record ends
- .00T Trace, an amount too small to measure

**TABLE A**  
**MONTHLY PRECIPITATION**

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES												SEP
						TOTAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
U03E5	U03001400	34	29	118	16	2,920	8.50	.06	.94	5.85	.35	.43	.54	.00	.14	.00	.00	.19
U03E5	U03001403	34	27	118	11	2,550	7.85	.05	1.12	4.71	.39	.24	.77	.05	.32	.00	.11	.09
U03E5	U03001405	34	30	118	14	3,250	---	.04	1.26	5.18	.44	.87	.80	.00	.15	.00	---	---
W28B0	W28002400	34	35	117	24	2,845	4.45	.00	.19	3.28	.30	.10	.08	.00	.00	.17	.00	.33
Z02H4	Z02004590	33	29	116	48	3,380	10.33	.00	1.29	3.89	.71	.93	1.30	.35	.00	.00	1.55	.31
Z02F1	Z02004620	33	26	116	52	1,920	---	.00	.80	4.00	.40	.90	.70	.00	.00	.00	---	---
U0501	U05010202	34	05	118	07	485	14.20	.10	2.44	7.20	.85	1.93	1.20	.00	.24	.00	.00	.24
Z07C3	Z07013300	32	50	116	46	1,900	14.46	.49	2.08	5.42	1.38	1.68	2.09	.67	.07	.07	.05	.46
U05C1	U05011400	34	10	118	08	1,125	18.93	.09	5.16	8.60	.94	2.27	1.43	.07	.31	.01	.00	.05
X10A0	X10017615	34	32	115	42	625	5.27	.00	.61	1.35	.97	.00	.00	.03	.00	.00	1.50	.81
X10A0	X10017630	34	29	115	44	595	4.53	.00	.64	1.23	.56	.00	.00	.03	.00	.00	1.50	.57
W28B0	W28024400	34	31	117	12	2,935	---	.00	.00	4.42	.01	.00	.31	.00	.00	.00	.00	.44
Y01B6	Y01026400	33	55	117	26	805	7.35	.07	.78	4.30	.83	.91	.36	.00	.00	.00	.00	.10
W28B0	W28031000	34	14	117	11	5,593	11.40	.97	3.39	7.04	.00	.00	.00	.00	.00	.00	.00	.00
U05A5	U05033111	33	51	118	04	52	---	.18	1.65	4.93	.99	1.62	1.26	.00	---	---	---	---
U0600	U06039500	33	21	118	20	25	---	.26	2.83	5.84	.61	.35	.15	.03	.03	.14	---	---
U0501	U05041002	34	06	117	52	620	15.00	.10	3.70	6.80	1.20	1.90	1.00	.00	.10	.00	.00	.20
W28H2	W28043600	35	16	116	04	940	2.90	.00	.54	1.54	.20	.00	.08	.05	.00	.00	.15	.34
X19C2	X19048720	34	00	116	54	4,000	18.39	.35	2.81	6.18	2.18	2.08	2.25	1.02	.14	.45	.00	.93
X19C1	X19048700	33	55	116	52	2,315	---	.60	1.95	6.41	2.15	1.10	1.43	.53	.00	.10	---	---
U03C1	U03050611	34	21	118	56	400	11.64	.19	3.46	4.20	1.41	1.08	1.16	.07	.04	.00	.03	.00
W28E0	W28051900	34	54	117	01	2,142	---	.00	.45	.00	1.02	.10	.25	---	.00	.13	.00	2.53
W28C0	W28051910	34	49	117	01	2,240	---	.00	.37	2.45	.60	.00	.22	.00	---	.00	.23	.46
Y02B1	Y02060600	33	55	116	58	2,613	---	.30	1.60	6.30	1.50	1.60	1.80	.50	.00	.00	---	---
Y02B1	Y01060912	33	55	116	57	2,600	14.97	.57	1.86	6.33	1.82	1.45	1.67	.45	.01	.09	.05	.67
Y01F2	Y01060900	33	55	116	57	2,609	14.90	.57	1.76	6.42	1.27	1.43	1.97	.51	.02	.11	.14	.70
U05A3	U05061900	34	05	118	26	540	---	.20	2.23	4.63	.79	2.67	2.11	---	.12	.00	.00	.16
U05A5	U05062601	33	58	118	11	145	---	.16	---	---	---	---	---	.00	.00	.00	.00	1.04
W03B0	W03068400	37	50	118	29	5,460	4.29	.15	1.55	4.43	.05	.00	.61	.00	.00	.71	.74	.05
X1907	X19069900	33	44	116	17	100	2.61	.00	.23	1.39	.34	.12	.00	.00	.00	.00	.00	.53
U05A5	U05072211	34	04	118	23	290	13.81	.18	1.95	5.21	.73	2.91	2.49	.00	.14	.00	.00	.20
Y01G1	Y01074100	34	15	116	55	6,750	---	.25	1.55	4.70	---	.66	2.09	.00	---	.20	2.68	.63
Y01G1	Y01074200	34	14	116	58	6,815	19.99	.00	2.83	12.77	2.02	.51	1.86	.00	.00	.00	.00	.00
Y01G3	Y01074301	34	15	116	50	6,800	---	.07	1.28	3.91	1.23	.00	1.56	.04	---	.07	4.24	.22
U0504	U05075800	34	10	117	48	1,575	20.60	.24	4.61	8.70	1.44	2.41	2.28	.16	.33	.00	.00	.43
W28A0	W28077900	34	22	117	41	6,860	19.78	.15	3.24	12.30	1.12	.00	1.48	.03	.02	.00	1.01	.43
U05C2	U05079800	34	17	118	11	2,315	18.63	.14	3.79	9.81	.77	1.24	2.49	.07	.25	.00	.00	.07
W03B0	W03081900	37	15	118	35	8,150	---	.64	6.46	1.48	---	.62	1.08	.12	.00	.82	1.28	.96
W03B0	W03082200	37	22	118	22	4,108	---	.16	1.97	.85	.25	.01	.06	.00	.00	.67	.31	.34
Y01B1	Y01088700	34	04	117	23	1,100	6.76	.00	1.51	3.58	.00	.00	1.64	.03	.00	.00	.00	.00
W26H0	W05090420	34	21	117	40	8,500	---	.19	2.70	5.58	.87	.67	1.44	.00	.67	.00	---	---
X1500	X15092400	33	37	114	36	266	---	.00	.56	3.77	.32	.00	.10	.00	.00	.00	.00	1.64
X1500	X15092705	33	36	114	42	390	5.40	.00	.35	2.97	.23	.20	.05	.05	.00	.00	.00	1.55
X1500	X15092700	33	37	114	43	390	5.69	.00	.10	3.33	.27	.29	.03	.06	.00	.00	.00	1.61
X1500	X15092800	33	36	114	35	267	6.45	.00	.53	3.78	.32	.17	.01	.00	.00	.00	.00	1.64
X22A3	X22098300	33	16	116	25	750	5.53	.00	1.51	2.48	.38	.50	.15	.00	.00	.00	.20	.30
X22G1	X22101000	32	40	116	18	3,600	14.58	.23	1.29	4.63	1.38	1.82	1.67	.39	.04	.05	2.29	.70
U0502	U05102811	34	09	117	57	935	---	---	3.40	9.80	1.10	2.30	1.50	.00	.00	.00	.00	---
U05B1	U05104351	34	11	118	16	1,250	10.90	.10	1.90	5.30	.80	1.40	.90	.00	.30	.00	.00	.20
X23A0	X23104800	32	57	115	33	-100	3.01	.00	.27	1.46	.08	.17	.00	.00	.00	.06	.00	.97
U05B4	U05109015	34	14	118	13	2,200	---	---	3.53	6.98	.78	2.49	2.19	.07	.38	.02	---	---
W26H0	W26115285	34	20	117	55	6,720	50.12	5.47	19.96	3.50	.97	3.86	7.30	.62	1.86	.60	.16	5.70
U05B1	U05119200	34	10	118	18	680	10.03	.00	1.31	5.61	.68	1.34	.81	.00	.20	.00	.00	.08
U05B1	U05119400	34	11	118	20	655	11.72	.20	1.68	6.68	.64	1.33	.85	.23	.01	.00	.00	.10
X19C2	X19125000	33	55	116	47	1,820	9.46	.10	.47	5.27	1.01	.52	1.49	.10	.00	.00	.00	.50
X19C2	X19125001	33	55	116	47	1,790	9.94	.14	.56	5.51	1.17	.64	1.33	.00	.00	.03	.02	.54
T14E2	T14125300	34	35	119	59	780	12.28	.53	2.73	4.72	1.08	1.41	1.55	.21	.00	.00	.00	.05
W0100	W01126600	37	53	119	05	6,980	7.47	.20	1.64	.57	.49	.41	.86	.12	.00	.23	.31	2.64
Y01E1	Y01126701	34	18	117	28	3,118	8.23	.01	.17	5.91	.45	.00	.32	.00	.08	.00	1.22	.07
W28B0	W25127200	34	23	117	34	4,780	8.00	.40	.60	5.30	.40	.20	.30	.00	.30	.00	.40	.10
X23A0	X23128800	32	41	115	27	12	3.58	.00	.33	1.48	.03	.06	.00	.08	.00	.00	.01	1.59
W28E0	W28130250	34	57	116	51	2,340	4.43	.00	.67	2.51	.56	.17	.11	.00	.01	.00	.00	.40
Y01E7	Y01130825	34	00	117	01	2,813	14.48	.25	1.47	6.06	1.32	1.71	1.95	.00	.10	.43	.20	.99
Z05B2	Z04130900	33	00	117	03	2,400	15.10	.75	1.43	6.54	1.46	1.18	1.63	.71	.03	.30	.00	1.07
U03A2	U03133820	34	14	119	01	192	10.50	.29	2.82	3.25	1.39	1.48	1.27	.00	.00	.00	.00	.00
U03A2	U03133900	34	12	119	00	130	9.84	.34	2.76	3.12	1.43	1.09	1.08	.00	.00	.00	.00	.02
Y01G2	Y01136960	34	09	116	58	5,780	25.07	.37	3.45	9.11	2.46	1.77	3.80	.66	.08	.32	1.93	1.12
Z11H2	Z11142400	32	37	116	28	2,630	---	.18	1.43	4.25	---	1.59	1.46	.27	.04	.09	1.74	.33
Y02B2	Y01144520	33	38	116	35	5,350	16.65	.32	2.71	5.63	1.56	1.46	1.79	.25	.10	.09	1.86	.88
U02A0	U02147211	34	22	119	13	760	13.48	.36	3.40	5.59	1.33	1.40	1.36	.03	.00	.00	.00	.01
U05B1	U05148400	34	10	118	34	794	11.76	.24	2.30	6.13	.83	1.02	1.03	.02	.04	.00	.08	.07
U04A6	U04151550	34	02	118	38	50	9.24	.29	2.30	2.54	.75	2.05	1.23	.03	.03	.00	.00	.02
U03E1	U03156220	34	29	118	36	1,150	---	.09	2.56	5.28	.82	.84	1.46	---	.02	.00	---	.29
X1907	X19158705	33	47	116	28	295	2.76	.00	.20	1.55	.29	.27	.00	.00	.00	.00	.00	.45
X1907	X19158705	33	46	116	27	284	3.47	.00	.29	2.03	.43	.40	.00	.00	.00	.00	.00	.32
U03A1	U03165850	34	09															

TABLE A (continued)  
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES													
							1984	1985												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
Y01B1	Y01221005	34	06	117	35	1,225	Cucamonga-County Water Dist.	---	.01	1.75	7.13	1.28	1.95	1.20	.00	---	.03	---	.00	.36
X0100	X01223280	34	22	116	52	4,250	Cushenbury Ranch-Shay WBSC	---	.00	.20	3.69	.38	---	.13	.00	.00	.00	.00	---	
Z07D3	Z07223900	32	59	116	35	4,650	Cuyamaca	33.02	1.05	3.83	10.48	2.31	5.66	5.64	1.63	.14	.21	.87	.00	1.20
W28E0	W28225700	34	51	116	47	1,922	Daggett FAA AP	3.27	.00	.39	2.03	.37	.14	.05	.00	.00	.00	.20	.00	.09
X09B0	X09226500	34	08	115	46	1,315	Dale Lake Crain	2.02	.00	.90	.81	.31	.00	.00	.00	.00	.00	.00	.00	.00
W09A1	W09231900	36	28	116	52	---	Death Valley	---	.02	.00	---	.05	.00	.00	.00	.26	.00	.13	.00	.08
X19D7	X19232700	33	38	116	22	1,000	Deep Canyon Laboratory	3.90	.00	.73	1.40	.35	.28	.05	.00	.00	.45	.00	.64	
W0500	W05233100	37	22	117	59	5,225	Deep Springs College	---	.16	1.33	3.16	.00	.00	.32	.00	---	---	1.65	.00	.64
Z02B1	Z02237770	33	27	117	19	465	De Luz	16.73	.47	2.18	8.03	1.54	2.88	1.42	.18	.00	.00	.00	.00	.03
Z09C4	Z09240600	32	51	116	37	3,500	Descanso Ranger Station - USFS	17.41	.65	2.67	5.97	2.01	2.22	1.58	.47	.00	.20	1.61	.00	.03
X17B0	X17240408	33	46	115	20	537	Desert Center	3.91	.00	1.08	2.17	.06	.13	.00	.00	.00	.06	.00	.41	
X19D3	X19240508	33	57	116	30	1,080	Desert Hot Springs	---	.00	.14	3.75	.60	.12	.00	.00	.00	.00	.00	---	
X19D3	X19240508	33	58	116	29	1,220	Desert Hot Sp Water Co	6.76	.00	.10	3.38	.61	.15	.00	.00	.00	1.20	.00	1.32	
X1907	X19240530	33	48	116	29	353	Desert Water Agency	3.76	.00	.38	2.27	.35	.33	.03	.00	.00	.00	.00	.40	
Y01E2	Y01241204	34	13	117	24	2,030	Devore CDF	23.99	.72	4.13	8.74	2.09	3.16	3.95	.47	.19	.16	.00	.00	.38
U05A5	U05249400	33	56	118	08	116	Downey Fire Dept.	12.44	.19	1.86	5.27	1.07	2.19	1.47	.00	.24	.00	.00	.00	.15
U03E1	U03251600	34	28	118	31	1,520	Dry Canyon Reservoir	---	.05	2.71	---	---	.57	.93	---	---	.00	.00	.00	.00
X17B0	X17259800	33	48	115	27	973	Eagle Mountain	4.38	.00	.96	1.92	.20	.19	.03	.02	.00	.00	.33	.00	.73
Y02A1	Y01267900	33	55	117	16	1,555	Edgemont	8.00	.07	.95	4.52	.82	.73	.65	.00	.01	.03	.00	.00	.22
Z07B1	Z07270600	32	49	116	58	405	El Cajon	8.73	.00	.99	5.32	.91	.81	.38	.22	.10	.00	.00	.00	.00
Z01B0	Z01271170	33	39	117	24	2,660	El Cariso Guard Station	---	.41	2.28	6.49	1.35	2.86	2.52	.33	.00	.16	---	---	---
X23A0	X23271300	32	46	115	34	---	El Centro 2 SSW	4.15	.00	.36	1.33	.06	.20	.00	.00	.00	.04	.30	1.86	
W0100	W01275600	37	56	119	13	9,600	Ellyery Lake	21.06	2.62	6.42	1.62	.78	2.54	3.58	.36	.02	.42	.94	.08	1.63
W28A0	W28277100	34	36	117	36	2,910	El Mirage Field	4.15	.00	.34	2.99	.16	.07	.03	.00	.01	.05	.23	.00	.27
U05D1	U05277901	34	04	118	02	275	El Monte Fire Station	13.70	.14	2.13	6.74	.99	2.07	1.04	.00	.17	.04	.00	.00	.33
U03A1	U03278550	34	14	119	10	80	El Rio - VCFCD Yard	11.06	.36	2.54	4.59	.99	1.51	1.07	.00	.00	.00	.00	.00	.00
Y02C1	Y02280550	33	40	117	22	1,265	Elsinore State Park	11.93	.18	1.66	5.12	1.15	1.62	1.59	.00	.00	.00	.31	.00	.30
Y02C1	Y02280506	33	39	117	18	1,300	Elsinore - Wilhite	---	.00	.93	4.49	.53	.45	.98	.00	.00	---	.00	.55	
U05B1	U05283011	34	08	118	30	1,000	Encino Reservoir	---	.21	2.32	6.43	.61	.83	.83	.00	.08	.00	---	.06	.06
Z04F2	Z04286300	33	07	117	05	600	Escondido No 2 Fire Station	13.51	.31	2.06	6.35	1.02	1.57	1.26	.25	.00	.09	.08	.00	.52
U04C3	U04286701	34	02	118	46	1,050	Escondido Canyon PA.S- Malibu	---	.45	2.63	5.21	1.29	4.30	2.03	.00	---	.00	.00	.00	.11
Y01D3	Y01289530	34	09	117	28	1,645	Etiwanda Game Assn.	15.81	.12	4.47	5.82	2.17	.00	2.11	.14	.21	.42	.00	.00	.35
W26E0	W26294100	34	42	118	25	3,060	Fairmont Reservoir - Law & P	13.54	.05	2.39	8.42	.49	.71	.67	.00	.12	.00	.12	.00	.57
Y01E8	Y01296480	34	04	116	54	5,990	Fallsview S	19.40	.50	3.10	4.90	1.30	1.90	3.30	.90	.00	.50	3.00	.00	.00
Y01G1	Y01297460	34	16	116	57	6,820	Fawnskin	---	.00	1.36	5.63	1.22	.49	1.85	---	.06	1.18	1.96	.00	.91
U03C1	U03305013	34	23	118	53	470	Fillmore Fish Hatchery	11.32	.28	3.05	4.20	1.41	1.08	1.16	.07	.04	.00	.03	.00	.00
U03C2	U03305050	34	29	118	53	2,750	Fillmore-Sespe Westates	16.98	.20	5.48	6.07	1.47	1.39	2.27	.06	.03	.01	.00	.00	.00
Y01B1	Y01311704	34	06	117	26	1,280	Fontana Union W.C.	---	.10	1.73	6.42	1.48	1.63	1.88	.44	.03	---	.00	.00	.30
Y01B1	Y01311705	34	05	117	25	1,275	Fontana Co. Yds.	13.53	.28	1.72	6.22	1.52	1.47	1.97	.00	.03	.00	.00	.00	.32
Y01B1	Y01311730	34	04	117	26	1,278	Fontana Herald News	.12	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Y01D3	Y01311800	34	10	117	26	1,972	Fontana 5 N	21.84	.23	3.55	8.79	1.86	2.94	3.00	.46	.08	.61	.00	.00	.32
Y01B1	Y01312008	34	04	117	30	1,090	Fontana Kaiser	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
Y01B7	Y01312100	34	02	117	27	960	Fontana 3S Stp	10.75	.08	1.20	5.59	1.07	1.20	1.24	.01	.02	.00	.00	.00	.34
Y01C2	Y03336533	33	47	117	24	2,000	Gavilan Springs	6.85	.10	.72	4.64	.53	.44	.22	.00	.00	.00	.00	.00	.20
W0100	W01336900	37	45	119	08	8,970	Gem Lake	19.48	2.00	4.16	1.66	.58	1.90	4.94	.42	.40	.50	.54	.00	2.38
T14E1	T14340200	34	31	119	41	1,550	Gibraltar Dam 2	---	.00	.00	---	7.05	---	.00	.00	.00	.00	.00	.00	.00
U05B1	U05343011	34	09	118	36	986	Girard Reservoir	10.81	.30	2.65	5.29	.68	1.00	.78	.00	.04	.00	.00	.00	.07
Y01B1	Y01343820	34	00	117	29	745	Glen Avon	10.03	.08	1.14	5.38	.83	1.06	1.36	.07	.00	.00	.00	.00	.11
U05B1	U05345001	34	09	118	15	615	Glendale-Jones	---	.07	1.77	5.30	.65	1.52	.96	---	.22	.00	.00	.00	.18
U05D1	U05345200	34	08	117	51	822	Glendora West FC 185	17.91	.18	3.62	8.00	1.24	2.34	1.70	.03	.34	.02	.00	.00	.44
U05D1	U05345202	34	09	117	50	1,165	Glendora-Englewood Ranch	---	.19	3.86	8.41	1.26	2.52	1.94	.04	.30	.02	---	.00	.54
Y01C1	Y01345811	33	45	117	29	1,100	Glen Ivy	12.97	.20	1.69	8.49	.63	.97	.82	.00	.03	.00	.00	.00	.14
X2600	X26348900	32	53	114	52	485	Gold Rock Ranch	5.26	.00	.30	2.19	.09	.26	.00	.00	.00	.00	1.60	.00	.82
W1600	W16349300	35	18	116	48	3,220	Goldstone Echo Storage	4.03	.00	.00	2.72	.12	.16	.20	.00	.10	.00	.00	.00	.73
W1600	W16349800	35	17	116	47	2,950	Goldstone Echo 2	---	.00	.83	2.72	.12	.16	.20	.00	.10	---	.00	.00	.73
Y02A1	Y03350610	33	46	117	17	1,780	Good Hope	7.56	.00	1.05	4.45	.70	.70	.34	.00	.00	.00	.20	.00	.12
W26H0	W26357620	34	22	117	43	7,350	Grassy Hollow	---	.14	1.99	6.18	.69	.48	.89	.00	.55	.00	---	---	---
Y01G3	Y02360900	34	13	116	48	7,000	Green Canyon Springs	9.82	.19	.95	3.92	.97	.00	1.33	.04	.00	.05	2.49	.00	.08
Y01A3	Y01361155	33	52	117	40	450	Green River Golf	---	.09	1.54	6.53	1.37	1.58	.78	.00	.00	.00			

**TABLE A (continued)**  
**MONTHLY PRECIPITATION**

AREA	STATION CODE	NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
								1984	1985										
								OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Z07D2	Z07441800	33 05	116 38	3,655	Julian (Wynola)- Vilirek	21.92	.46	3.02	7.39	2.30	2.07	2.79	1.14	.08	.33	.52	.00	1.82	
T14E1	T14442200	34 29	119 31	2,060	Juncal Dam	15.89	.25	3.85	8.03	.84	1.12	1.71	.09	.00	.00	.00	.00	.00	
Y02A5	Y02443100	33 45	117 04	2,110	Juniper Flats	8.05	.09	.61	4.55	.88	.67	.37	.03	.00	.00	.02	.00	.83	
W28J0	W28449410	35 00	115 38	2,148	Kelso	---	.00	.44	1.54	.90	.03	.00	.02	.00	---	.50	.00	1.10	
W28D2	W28460620	34 59	117 32	2,477	Kramer Junction BC	---	.00	.45	3.31	.22	.10	.03	.00	.00	---	.20	.00	.34	
T1100	T11461270	35 23	120 05	2,040	Kuhnie	7.92	.13	2.25	3.00	.65	.28	1.27	.17	.00	.00	.00	.00	.17	
W03C0	W03511109	36 58	118 18	3,841	L.A. Aqueduct Intake	6.38	.34	1.67	1.19	.28	.05	.63	.00	.00	1.00	.69	.00	.53	
U05C2	U05462111	34 11	118 11	1,155	La Canada Arroyo Seco	---	.09	2.39	6.38	.84	2.26	.00	---	.34	.00	.00	.00	.06	
Z02C2	Z02462950	33 33	117 18	2,200	La Cresta	---	.24	1.14	6.38	.56	1.48	.91	.04	.00	.04	---	---	---	
Z01A2	Z01464700	33 32	117 46	35	Laguna Beach Sewage Disp.	10.24	.49	2.42	4.14	1.13	1.25	.62	.00	.06	.00	.00	.00	.13	
W28B0	W28467100	34 14	117 11	5,250	Lake Arrowhead	30.76	.76	5.25	15.28	2.28	.00	5.38	.07	.06	.25	.26	.00	1.17	
W28B0	W28467120	34 15	117 10	5,205	Lake Arrowhead FS4	27.82	.65	4.07	15.67	1.47	.00	4.85	.00	.12	.04	.06	.00	.89	
W28B0	W28467140	34 15	117 10	5,200	Lake Arrowhead FS2	26.37	.57	3.63	15.20	1.33	.00	3.85	.00	.12	.07	.45	.00	1.15	
W28B0	W28468440	34 14	117 16	4,335	Lake Gregory	35.35	.82	5.30	17.28	3.40	.00	6.32	.15	.29	.34	.21	.00	1.24	
W28B0	W28468450	34 14	117 16	4,535	Lake Gregory Dam	29.50	.39	5.07	13.99	1.64	1.56	4.41	.29	.24	.41	.07	.00	1.44	
Y02C1	Y02468651	33 38	117 20	1,319	Lakeland Village	11.26	.19	1.22	5.94	.60	1.60	1.38	.00	.00	.00	.00	.00	.33	
Y01C3	Y01468953	33 50	117 25	3,160	Lake Mathews 3	7.50	.07	.92	4.40	.74	.79	.44	.00	.00	.00	.00	.00	.14	
W03B0	W03470500	37 12	118 36	9,070	Lake Sabrina	17.50	.80	7.28	1.78	.68	.84	1.70	.08	.12	.98	1.94	.00	1.30	
U04B6	U04470615	34 08	118 52	990	Lake Sherwood-VGFD F-RRNG	13.20	.26	3.32	5.61	1.23	1.44	1.23	.00	.04	.00	.00	.00	.07	
Z07A2	Z07471000	32 51	116 53	692	Lakeside 2 E	13.08	.29	2.02	6.61	.79	1.26	1.18	.38	.00	.00	.00	.00	.55	
W28B0	W28471120	34 17	117 21	3,480	Lake Silverwood Rec. Area	28.66	.34	5.35	16.36	1.08	.83	3.72	.08	.20	.45	.00	.00	.25	
Z08B2	Z08473500	32 46	117 01	528	La Mesa	---	.38	2.22	6.11	.62	1.03	.43	.00	---	.00	.00	.00	.19	
W26E0	W05474900	34 44	118 13	---	Lancaster FSS FAA	6.77	.00	.76	5.35	.28	.00	.12	.00	.03	.00	.00	.00	.23	
X19D7	X19478211	33 40	116 17	85	La Quinta	2.69	.00	.42	1.54	.37	.21	.00	.00	.00	.00	.00	.00	.15	
Y01B6	Y01481411	33 55	117 29	712	La Sierra Fire Station	8.24	.07	.78	4.91	.94	.92	.50	.00	.00	.00	.02	.00	.10	
U03F7	U03480470	34 18	118 41	1,150	Las Lajas Canyon	11.99	.21	2.32	4.72	1.32	1.63	1.66	.00	.00	.00	.07	.00	.06	
Y02B1	Y02483960	34 47	116 44	5,290	Lawler Co Park	26.00	1.27	2.06	9.19	2.80	4.30	3.14	.15	.00	.21	1.04	.00	1.84	
U04C7	U04486700	34 04	118 52	1,600	Lechuza Patrol Station	15.83	.46	3.85	5.14	1.64	3.03	1.69	.00	.00	.00	.00	.00	.02	
Z09A2	Z09483905	32 44	117 01	---	Lemon Grove Fire Dept.	10.08	.43	2.08	5.76	.61	.00	.85	.33	.02	.00	.00	.00	.00	
Y02A5	Y02497920	33 44	116 55	1,695	Little Lake SDF	9.51	.12	.57	4.26	.87	1.35	.72	.00	.00	.00	.18	.00	1.44	
T12C0	U03502410	34 44	119 06	5,150	Lockwood Valley	8.91	.06	1.83	4.11	1.08	.40	.59	.32	.04	.00	.11	.00	.37	
Y01D5	Y01505700	34 02	117 15	1,185	Loma Linda	---	.16	1.05	4.36	1.35	1.44	1.49	.02	---	.00	.00	.00	.43	
T14A0	T14506401	34 35	120 27	500	Lompoc	10.21	.25	2.50	4.63	.69	.85	1.28	.00	.00	.00	.00	.00	.01	
Y01E1	Y01506620	34 18	117 32	4,400	Lone Pine Canyon Nielsen	---	.09	1.21	8.10	.88	.43	.75	---	.75	.05	.17	.00	---	
U05A2	U05508205	33 46	118 11	180	LB-Alamitos Land Co.	10.67	.52	1.79	4.54	1.01	1.55	.94	.00	.22	.00	.00	.00	.10	
U05A5	U05508500	33 49	118 09	36	Long Beach WB AP	10.30	.35	1.20	5.20	.91	1.58	.61	.00	.21	.00	.00	.00	.24	
U04C7	U05509811	34 20	118 02	4,300	Loomis Ranch Alder Creek	14.30	.21	2.01	7.39	.74	.74	1.58	.10	.40	.30	.72	.00	.11	
T1300	T13510700	34 45	120 17	565	Los Alamos	---	.70	---	3.69	.88	1.17	1.79	.02	.00	.00	.00	.00	.00	
U05A5	U05511101	34 05	118 17	335	Los Angeles-City College	12.40	.13	1.88	5.41	.79	2.62	1.26	.00	.24	.00	.01	.00	.06	
U05A5	U05511102	34 02	118 18	203	Los Angeles-Clark Mem. Lib.	11.47	.15	1.64	4.15	.81	2.42	1.91	.00	.24	.00	.00	.00	.15	
U05A5	U05511117	34 03	118 21	175	Los Angeles-Hancock Park	---	.20	1.50	4.70	.80	3.20	2.40	---	.20	---	.00	.00	.20	
U05A2	U05511400	33 56	118 23	105	Los Angeles-WSO Airport	9.50	.28	1.24	4.21	.70	1.91	.72	.00	.16	.00	.00	.00	.28	
U05A5	U05511500	34 03	118 14	270	Los Angeles Civic Center	12.38	.15	1.44	5.53	.71	2.84	1.29	.00	.23	.00	.00	.00	.19	
T14E1	T14514700	34 32	119 47	1,030	Los Prietos Ranger Station	---	.36	2.98	6.95	.81	.35	1.83	.26	---	.00	.00	.00	---	
Z10B0	Z10516203	32 36	116 55	500	Lower Otay Reservoir	10.85	.35	1.65	5.87	.46	1.31	.70	.19	.09	.09	.00	.00	.14	
X0100	X01518215	34 27	116 55	2,900	Lucerne Valley 2 ENE	---	.00	.00	.00	.22	.00	.00	.00	.00	.00	---	.12	.00	
X0100	X01518223	34 27	116 57	2,957	Lucerne Valley	.42	.00	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	
Y01E2	Y01521200	34 06	117 19	1,184	Lytile Creek Foothill Blvd.	8.61	.00	.69	3.32	.82	1.63	2.15	.00	.00	.00	.00	.00	.00	
Y01E1	Y01521501	34 12	117 26	2,360	Lytile Creek Intake FWC	---	.00	4.90	10.45	1.80	3.25	4.10	.03	.15	---	.00	.00	.55	
Y01E2	Y01521800	34 13	117 28	2,760	Lytile Creek Ranger Station	32.30	.30	4.89	18.35	1.37	3.10	3.39	.12	.24	.08	.15	.00	.31	
Y01D1	Y01521825	34 15	117 29	3,400	Lytile Creek FS	---	.25	3.15	14.69	1.03	1.23	1.54	.01	.08	.03	---	.00	.10	
U02B0	U02540801	34 29	119 18	1,040	Matilija Dam	18.82	.42	5.32	7.78	1.51	2.07	1.52	.02	.00	.00	.00	.00	.18	
X1907	X19550200	33 34	116 04	190	Mecca Fire Station	2.55	.00	.00	1.51	.37	.05	.00	.00	.00	.00	.00	.01	.61	
U02B0	U02550950	34 26	119 17	760	Meiners Oaks-VGFD Fire Station	14.06	.34	3.81	5.78	1.24	1.52	1.37	.00	.00	.00	.00	.00	.00	
Y01E4	Y01553131	34 04	117 07	1,765	Mentone CDF SB 120	7.91	.18	.71	4.09	.93	.72	.41	.25	.00	.22	.00	.00	.40	
Y01F5	Y01563520	34 04	117 02	2,780	Mill Creek Ranger Station	16.92	.28	2.02	5.76	1.25	1.31	2.04	.60	.05	.23	2.17	.00	1.21	
Y01B1	Y01570601	34 01	117 31	827	Mira Loma Space Center	15.17	.01	3.51	.31	1.77	3.16	4.90	1.51	.00	.00	.00	.00	.00	
Z0600	Z06570701	32 54	117 06	660	Miramar	10.38	.25	1.89	5.00	.55	1.27	.75	.22	.03	.00	.02	.00	.40	
W28D2	X10572100	34 56	117 32	4,306	Mitchell Caverns	10.33	.00	1.19	4.68	1.68	.42								

**TABLE A (continued)**  
**MONTHLY PRECIPITATION**

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES												1985 APR	MAY	JUN	JUL	AUG	SEP
							1984 OCT	NOV	DEC	JAN	FEB	MAR												
X1907	X19663301	33	43	116	23	275	---	.00	---	1.37	.47	.26	.00	.00	.00	.00	.00	.00	.00	.00				
X1907	X19663500	33	49	116	30	425	---	.00	.54	---	.21	.19	.00	.00	.00	.00	.10	.00	.46					
Z02H3	Z02665700	33	21	116	51	5,545	24.10	.60	5.58	7.62	3.00	2.25	2.10	.50	.00	.00	1.85	.00	.60					
U05A2	U05666300	33	48	118	23	216	9.09	.36	1.46	3.72	1.27	1.46	.84	.00	.17	.00	.00	.00	.21					
Y01E2	Y01668001	34	13	117	18	3,775	31.85	.59	5.30	12.43	2.94	3.68	3.88	.87	.38	.36	.04	.00	1.38					
X13C0	X13669780	34	43	114	30	540	---	.00	.40	3.35	1.24	.39	.40	.06	.00	---	.78	.00	1.02					
X15A0	X14659900	34	17	114	08	738	8.11	.00	.54	4.20	1.10	.71	.28	.23	.00	.00	.00	.10	.95					
U05C1	U05671907	34	08	118	08	864	---	.09	3.14	7.74	.96	1.89	1.43	---	.32	.00	.00	.00	.15					
U05C1	U05671901	34	10	118	05	1,375	15.71	.09	3.14	7.74	.96	1.89	1.43	.00	.31	.00	.00	.00	.15					
U05C1	U05671902	34	08	118	07	795	---	.09	2.53	7.53	.91	1.78	1.25	.00	.25	.00	---	.00	.15					
T09H1	T09673000	35	37	120	41	700	9.29	.38	2.10	3.01	.52	.92	2.11	.19	.00	.00	.02	.00	.04					
T09H1	T09574200	35	40	120	38	803	8.64	.38	2.21	2.96	.41	.59	2.00	.07	.00	.00	.00	.02	.00					
Y01E2	Y01675411	34	08	117	12	1,375	---	.28	1.57	5.10	2.01	1.53	1.76	.44	---	.31	.03	.00	.53					
Y02A1	Y02681911	33	47	117	13	1,452	7.78	.10	.84	4.90	.89	.51	.41	.00	.00	.00	.00	.00	.13					
Y02A1	Y02681615	35	50	117	12	1,448	7.83	.12	.72	4.72	.74	.63	.52	.03	.00	.00	.00	.00	.35					
Y02A1	Y02681830	33	51	117	12	1,413	---	---	---	---	---	---	.40	.00	.00	.00	.00	.00	.20					
W28B0	W28684801	34	25	117	34	4,160	5.42	.00	.33	3.90	.30	.08	.08	.00	.00	.05	.60	.00	.08					
Y01D5	Y01685801	33	59	117	16	1,910	10.25	.10	1.08	5.21	1.03	1.19	1.20	.00	.00	.01	.00	.00	.43					
W28B0	W28686801	34	16	117	16	3,688	33.65	.31	4.70	12.26	1.22	4.02	4.53	.03	.24	.11	.65	.00	.58					
X19D7	X02693350	33	35	116	26	4,000	11.96	.02	2.40	3.56	.65	1.52	1.40	.03	.00	.00	1.74	.14	.50					
U03D1	U03694000	34	24	118	45	730	10.46	.22	2.94	4.69	1.25	.59	.73	.00	.01	.00	.03	.00	.00					
T1086	T10694300	35	08	120	38	80	9.64	.92	3.51	2.65	.29	.39	1.72	.10	.00	.00	.02	.00	.04					
U05A1	U05703611	33	44	118	24	125	8.40	.30	1.60	3.60	1.30	.90	.40	.10	.10	.00	.00	.00	.10					
U05E1	U05705000	34	03	117	46	855	12.43	.15	2.12	6.18	1.32	1.73	.27	.00	.12	.29	.00	.00	.25					
Y01B1	Y01705001	34	03	117	45	876	11.99	.11	1.31	6.00	1.27	1.92	1.22	.09	.07	.00	.00	.00	.00					
Y02B1	Y02705880	33	50	116	51	3,520	20.33	.92	2.41	6.76	2.47	.96	2.89	1.54	.04	.15	.39	.00	1.80					
U03E1	U03710241	34	23	118	38	1,150	11.24	.27	.89	5.80	1.16	.89	.73	.60	.00	.04	.21	.00	.65					
Z06B0	Z06711100	32	57	117	04	440	12.41	.24	1.95	5.93	.95	1.11	1.06	.43	.00	.00	.00	.00	.74					
U05D3	U05712311	34	20	117	41	5,680	---	.28	3.95	12.27	1.36	.95	1.77	.00	1.09	.00	---	---	---					
U05E2	U05716001	33	05	117	48	1,030	14.42	.13	2.91	6.49	1.15	2.06	1.03	.02	.19	.06	.00	.00	.38					
U05F2	U05716103	33	57	117	55	725	---	.09	2.05	7.05	1.44	2.30	1.55	---	.17	.00	.00	.00	.89					
Y02A1	Y02717870	33	42	117	14	1,550	7.79	.07	.43	4.91	.74	.91	.57	.00	.00	.00	.00	.00	.16					
U02B0	U02724771	34	25	119	18	600	15.24	.36	4.00	6.43	1.33	1.49	1.63	.00	.00	.00	.00	.00	.00					
X1906	X19724778	33	46	116	26	250	2.83	.00	.35	1.42	.42	.32	.00	.00	.00	.00	.00	.00	.32					
X19D7	X19724780	33	45	116	25	249	3.17	.00	.30	1.52	.54	.43	.02	.00	.00	.00	.00	.00	.36					
W2500	W25725300	35	22	117	39	3,522	5.37	.00	1.09	3.63	.23	.00	.00	.00	.05	.05	.00	.00	.32					
X19C2	X19727900	34	02	116	49	6,620	---	.50	3.60	13.89	3.30	1.90	3.00	.20	.00	.40	---	---	---					
Y01E2	Y01728460	34	02	117	16	1,125	14.10	.27	1.31	5.61	1.26	1.30	2.19	.31	1.37	.00	.00	.00	.48					
Y01E3	Y01730600	34	03	117	11	1,335	10.42	.14	1.33	5.13	1.14	1.05	1.04	.09	.00	.00	.04	.00	.46					
Y01E6	Y01730650	34	02	117	10	1,465	10.92	.17	.78	5.99	1.16	1.06	1.16	.06	.03	.01	.02	.00	.48					
Y01F1	Y01731100	34	01	117	08	2,080	---	.17	1.17	5.55	1.11	.96	1.10	.07	---	.06	.05	.00	.50					
W2700	W25731400	35	21	117	37	3,700	15.20	.40	1.96	5.44	1.43	1.36	2.28	.24	.00	.08	1.22	.00	.79					
U05A2	U05732400	33	50	118	23	70	9.61	.50	1.29	3.88	.71	1.99	.94	.00	.00	.00	.00	.00	.30					
W0100	W01738200	37	56	119	14	9,500	---	2.62	6.42	1.62	.78	2.54	3.58	---	---	---	---	---	---					
Y01D4	Y01738408	34	05	117	22	1,220	---	.00	1.38	5.83	1.47	1.56	1.66	---	---	---	---	.00	.72					
Y01B7	Y01747000	33	57	117	23	840	7.75	.09	.85	4.12	.84	.76	.80	.00	.00	.00	.00	.00	.29					
Y01B7	Y01747300	33	58	117	20	986	7.56	.10	.68	4.09	.93	.78	.62	.00	.03	.05	.00	.00	.28					
W0380	W03751000	37	27	118	44	9,670	14.33	1.00	4.30	1.40	.85	.42	2.19	.36	.10	.55	1.25	.15	1.76					
U05B1	U05755311	34	14	118	21	1,050	---	.12	1.53	5.98	.77	1.04	1.02	.25	.25	.00	.00	.00	---					
Y02A2	Y02758690	33	40	117	16	1,440	---	.10	.74	3.99	.55	1.01	.54	.00	.00	.00	---	---	---					
Y01B7	Y01758802	33	59	117	23	776	9.07	.10	.79	5.12	.91	.82	1.00	.00	.00	.00	.00	.00	.33					
Y01B7	Y01758801	33	58	117	24	838	8.03	.08	.87	4.68	.80	.78	.66	.00	.00	.00	.00	.00	.16					
W28B0	W28759911	34	12	117	06	6,080	31.60	.70	6.00	9.50	.20	3.40	4.50	.50	.20	.70	.40	.00	1.60					
W28B0	W28760000	34	12	117	06	5,965	28.50	.50	3.00	14.00	2.10	2.60	2.50	.60	.10	.60	.70	.00	1.80					
Y02A5	Y02761311	33	43	117	01	1,509	8.44	.16	.64	4.64	.78	.99	.66	.00	.00	.00	.16	.00	.41					
T09H1	T09767200	35	20	120	30	1,350	14.62	1.14	3.56	3.70	.70	2.13	3.23	.11	.00	.01	.03	.00	.01					
T1480	T14768100	34	35	120	24	250	11.71	.31	2.63	5.33	.70	1.23	1.51	.00	.00	.00	.00	.00	.00					
Y01B3	Y05771200	34	10	117	40	2,100	9.10	.41	2.71	2.97	.42	.58	1.96	.05	.00	.00	.00	.04	.00					
Y01B4	Y01771206	34	09	117	39	1,901	16.76	.22	2.81	8.02	1.35	1.93	1.71	.13	.14	.15	.00	.00	.30					
Y01E2	Y01772403	34	06	117	16	1,047	11.47	.21	1.14	5.13	1.61	1.33	1.65	.04	.00	.00	.00	.00	.36</					

**TABLE A (continued)**  
**MONTHLY PRECIPITATION**

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984											
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
U05B1	U05825211	34 06	118 15	455	Silver Lake Reservoir	---	.07	1.72	5.49	.66	2.19	---	.00	.21	.00	.00	.00	.03
T1100	T11825904	35 21	119 59	2,047	Simmler HMS	8.07	.15	1.82	3.39	.79	.30	.98	.26	.00	.00	.00	.17	.21
T1100	T11825902	35 23	120 05	2,040	Simmler RW Cooper	8.78	.24	2.07	3.53	.42	.42	1.30	.70	.00	.00	.00	.00	.10
Z0201	Z02827230	33 35	117 04	1,490	Skinner Lake	9.75	.19	1.03	5.65	.89	1.09	.47	.00	.00	.02	.04	.00	.37
X1907	X19831700	33 52	116 40	1,940	Snow Creek Upper	10.55	.00	.70	6.11	1.33	1.19	.44	.00	.00	.00	.00	.00	.78
W24A0	W24837925	36 08	117 58	3,825	South Halwee Reservoir	6.33	.22	2.63	1.96	.24	.11	.58	.00	.00	.04	.40	.00	.15
W03B0	W03840600	37 11	118 34	9,580	South Lake	17.16	.84	5.36	2.32	.70	1.08	2.82	.18	.08	.96	1.74	.00	1.08
U0501	U05841401	34 06	118 09	690	South Pasadena-City Hall	13.71	.00	3.12	6.71	.88	1.78	1.10	.00	.00	.05	.00	.00	.07
W28C0	W28856600	34 45	117 00	2,865	Stoddard Valley	4.01	.00	.15	2.71	.35	.13	.17	.00	.00	.00	.50	.00	.00
U05A3	U05857405	34 06	118 27	865	Stone Canyon Res-Law + P	13.43	.02	2.96	5.26	.85	2.30	1.76	.00	.15	.00	.00	.00	.13
W28B0	W28864610	34 18	117 21	3,500	Summit Valley Rentfro	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Y02A1	Y02865500	33 47	117 12	1,420	Sun City	---	.04	.81	3.63	.65	1.03	.20	.00	---	.00	.00	.00	.09
Y02A2	Y02865075	33 42	117 11	1,426	Sun City SDF	8.51	.04	.89	5.35	.65	1.05	.34	.00	.00	.00	.00	.00	.19
X1907	X19875033	33 50	116 33	584	Tachevah Dam	4.74	.00	.20	3.63	.34	.17	.00	.00	.00	.00	.00	.00	.40
Y01B5	Y01884650	33 52	117 34	680	Temescal Water Co	---	.09	1.33	7.08	1.32	1.55	.80	.00	.00	.00	.00	---	---
X1907	X19889200	33 38	116 09	-120	Thermal FAA Airport-SRG	2.63	.00	.47	1.49	.44	.03	.00	.00	.00	.00	.00	.00	.20
W03C0	W03893005	37 03	118 13	0	Tinemaha Reservoir F Evap.	---	.27	2.16	1.27	.33	.04	.21	---	---	1.05	.80	.00	.52
U04A1	U04896700	34 05	118 35	745	Topanga Patrol Station	13.70	.00	3.99	4.50	.93	2.40	1.78	.00	.05	.00	.00	.00	.05
U05A2	U05897300	33 48	118 20	100	Torrance	9.53	.41	1.63	4.22	.74	1.50	.75	.00	.19	.00	.00	.00	.09
X1907	X19900225	33 50	116 36	2,700	Tramway Valley Station	11.16	.00	.72	6.06	.69	.42	.32	.00	.00	.00	2.22	.08	.65
C07B0	T11901000	35 04	119 37	2,125	Traver Ranch	7.13	.10	.00	.88	.09	1.32	2.50	.90	.45	.59	.30	.00	.00
W21A0	W21903500	35 45	117 22	1,695	Trona	4.30	.00	1.50	2.60	.10	.00	.00	.00	.00	.02	.00	.00	.08
U05B3	U05904700	34 16	118 17	1,690	Tujunga - Parra	---	---	1.62	6.54	.64	1.15	.79	.33	.23	.00	.04	.00	.10
Y01A1	Y01908700	33 43	117 46	118	Tustin Irvine Ranch 0-61	---	.09	1.80	4.66	.60	---	.59	.03	.05	.00	.00	.00	.49
X09A0	X09909900	34 08	116 03	1,975	Twentynine Palms	5.38	.00	.62	1.08	.33	.08	.00	.00	.00	.00	2.34	.02	.91
X09A0	X09909905	34 09	116 03	1,895	Twentynine Palms Cy	---	.00	.00	.32	.00	.00	.00	.00	.00	.00	---	---	---
X19C2	X19910520	33 52	116 47	3,440	Twin Pines Ranch	---	.48	1.61	7.82	2.06	1.13	3.05	1.07	.00	.00	---	---	---
T12C0	T12911100	34 59	120 19	582	Twitchell Dam	14.00	1.31	2.12	3.48	1.18	2.30	3.23	.20	.00	.00	.00	.05	.13
U05A3	U05915200	34 04	118 26	430	U.C.L.A. - Westwood	11.69	.21	1.82	4.19	.78	2.46	2.02	.00	.11	.00	.00	.00	.10
Y01B1	Y01916012	34 07	117 40	1,609	Upland Chapel	12.74	.16	1.69	6.23	1.27	1.81	1.09	.00	.00	.18	.00	.00	.31
Y01B1	Y01916025	34 08	117 40	1,800	Upland FS No 2	10.88	.17	2.56	3.99	1.37	.43	1.26	.15	.25	.27	.00	.00	.43
Y01B5	Y01916325	33 50	117 34	1,250	Upper Drive	13.56	.13	1.94	7.71	.90	1.41	1.38	.00	.00	.00	.00	.00	.09
U05A4	U05916505	34 07	118 24	867	Upper Franklin Cyn Res LA	12.26	.18	2.57	5.80	.74	1.59	1.14	.00	.13	.00	.00	.00	.11
Z10C1	Z10918210	32 39	116 56	550	Upper Otay Reservoir-S.D.U.D.	---	.35	1.65	5.87	.46	1.31	.70	---	---	---	---	---	---
U05B1	U05926000	34 10	118 27	695	Van Nuys FC 15B	7.88	.02	.34	4.88	.60	1.11	.75	.02	.09	.00	.00	.00	.07
U02A0	U02928500	34 16	119 17	45	Ventura	---	.42	1.83	4.30	.90	1.49	1.27	.00	.00	.00	---	.00	.04
W28B0	W28932500	34 32	117 17	2,859	Victorville Pump Plant	5.37	.00	.11	4.36	.14	.15	.23	.00	.03	.02	.00	.00	.33
U03E5	U03934500	34 29	118 08	3,135	Vincent Fire Station	5.52	.00	.57	3.80	.23	.10	.40	.00	.22	.00	.08	.00	.12
U05D3	U05934601	34 22	117 45	6,600	Vincent Gulch	---	.32	4.62	14.32	1.58	1.12	2.08	.00	1.24	.00	---	---	---
Z04B2	Z03937800	33 13	117 13	510	Vista 2 NWE	10.12	.03	1.57	4.47	.83	1.34	.76	.30	.00	.04	.00	.00	.78
U0501	U05943100	34 00	117 52	488	Walnut Patrol Station	14.01	.12	2.19	6.67	1.39	1.62	1.05	.00	.14	.08	.00	.00	.75
U05D1	U05953151	34 07	118 04	547	West Arcadia	---	.07	2.14	6.93	.84	1.59	1.06	.00	.31	---	.00	.00	.23
Y01C3	Y01955475	33 50	117 22	1,480	Western MWD	7.33	.08	.92	4.51	.72	.49	.41	.00	.02	.00	.00	.00	.18
Y02B1	Y02958600	33 49	116 58	1,510	West Portal	11.96	.19	.95	5.00	1.41	1.47	.58	.71	.01	.00	.12	.00	1.52
U05A5	U05966000	33 58	118 01	320	Whittier City Hall	12.83	.09	2.05	6.47	.69	2.17	.97	.00	.15	.00	.00	.00	.24
Z02C2	Z02967575	33 35	117 15	1,250	Wildomar	10.03	.17	1.26	5.79	.55	1.27	.48	.02	.03	.00	.06	.00	.40
Y01C2	Y01967565	33 47	117 30	1,100	Wild Rose Ranch 57	10.98	.20	1.17	6.52	.69	1.20	.85	.00	.00	.00	.00	.00	.35
Y01C2	Y01967570	33 47	117 30	928	Wild Rose R Office	10.73	.20	1.30	6.21	.71	1.14	.86	.00	.00	.00	.00	.00	.31
W20B2	W20967100	36 15	117 14	4,100	Wildrose Ranger Station	---	.33	1.48	---	.13	.06	.16	.00	.24	.01	.00	.00	.65
U05B2	U05971021	34 21	118 27	3,175	Wilson Canyon (Sylmar)	---	.33	3.25	6.94	.98	2.60	2.93	.22	.22	---	---	---	---
Y01B6	Y01977440	33 53	117 21	1,557	Woodcrest SDF	6.88	.09	.87	3.95	.67	.57	.52	.00	.01	.00	.05	.00	.15
W28B0	W28981931	34 22	117 29	6,038	Wrightwood	5.37	.00	.11	4.36	.14	.15	.23	.00	.03	.02	.00	.00	.33
X19D2	X19981933	33 59	116 39	2,200	W W Trout Farm	13.52	.11	1.51	6.03	1.88	.98	2.55	.07	.00	.00	.02	.00	.37
W28E0	W28983675	34 55	116 48	1,912	Yermo Inspection Station	---	.00	.51	2.16	.40	---	.09	.00	---	---	---	---	.03
Y01F7	Y01987505	34 02	117 02	2,660	Yucaipa CDF	10.69	.24	.53	5.50	1.46	.23	1.80	.93	.00	.00	.00	.00	.00
Y01F7	Y01987507	34 02	117 02	2,760	Yucaipa Water Co.	12.31	.21	1.21	5.39	1.30	1.02	1.68	.00	.03	.46	.03	.00	.98





## **APPENDIX B**

### **SURFACE WATER MEASUREMENT**

## Index to Daily Mean Discharge Table

Station Name	Station Number	Map Page	Data Page
Canada De Los Alamos below Apple Canyon	Z23770	24	31
Castaic Creek one mile above Fish Creek	Z32388	24	36
Elderberry Creek above Castaic Creek	Z32345	24	34
Fish Creek above Castaic Creek	Z32370	24	35
Mojave River, East Fork of West Fork, above Cedar Springs	V92250	25	27
Mojave River, East Fork of West Fork above Silverwood Lake	V92235	25	26
Mojave River, West Fork, above Cedar Springs	V92300	25	30
Mojave River, West Fork, at Highway 138 Bridge	V92285	25	29
Necktie Canyon Creek above Castaic	Z32340	24	33
Piru Creek below Buck Creek	Z23790	24	32
Sawpit Canyon Creek at Cedar Springs	V92280	25	38

## APPENDIX B

### SURFACE WATER MEASUREMENT

Appendix B presents stream flow measurement data in Southern California for the water year October 1, 1984 to September 30, 1985. A list of the stations appears on the facing page; their locations are shown on Figure 4 following.

Surface water measurements are listed in table B by ascending station number. The first character of a surface water station number is one of the *basin code* letters shown in Figure 1. The second character, a numeric, designates a specific tributary area within the major basin. These two characters, therefore, indicate the location of the station. Tributary areas used in this volume are:

<b>BASIN V – SOUTH LAHONTAN BASIN</b> Tributary area 9 – Mojave River	<b>BASIN Z – LOS ANGELES BASIN</b> Tributary Area 2 – Lower Santa Clara River Tributary area 3 – Upper Santa Clara River
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Surface water stations are named after the stream and a nearby landmark or post office, such as "Necktie Canyon Creek above Castaic."

The tables give the daily mean flow at designated stations. In addition, the maximum and minimum discharge and corresponding gage heights for the water year and the maximum discharge of record is summarized. The datum and other pertinent data concerning each station are also shown.

The discharge estimated for periods of no record are shown with the letter "E." Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. The discharge figures have been rounded as follows:

#### Daily flows – second-feet

0.0	–	9.9	nearest Tenth
10	–	999	nearest Unit
1,000	–	9,999	nearest Ten
10,000	–	99,999	nearest Hundred
100,000	–	999,999	nearest Thousand

#### Monthly means – second-feet

0.0	–	99.9	nearest Tenth
100	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred

#### Monthly and yearly totals – acre-feet

0.0	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred
1,000,000	–	9,999,999	nearest Thousand

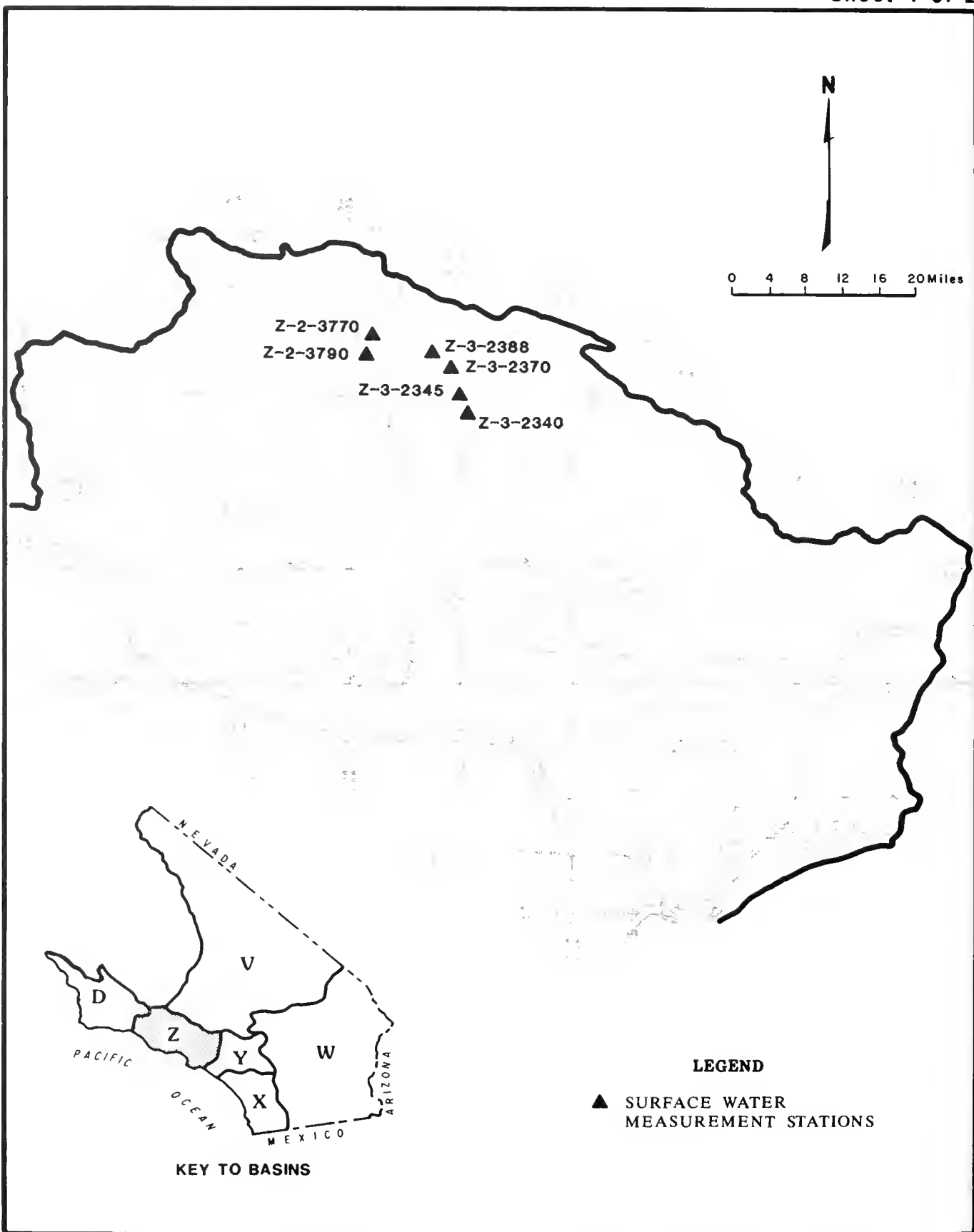


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
LOS ANGELES BASIN

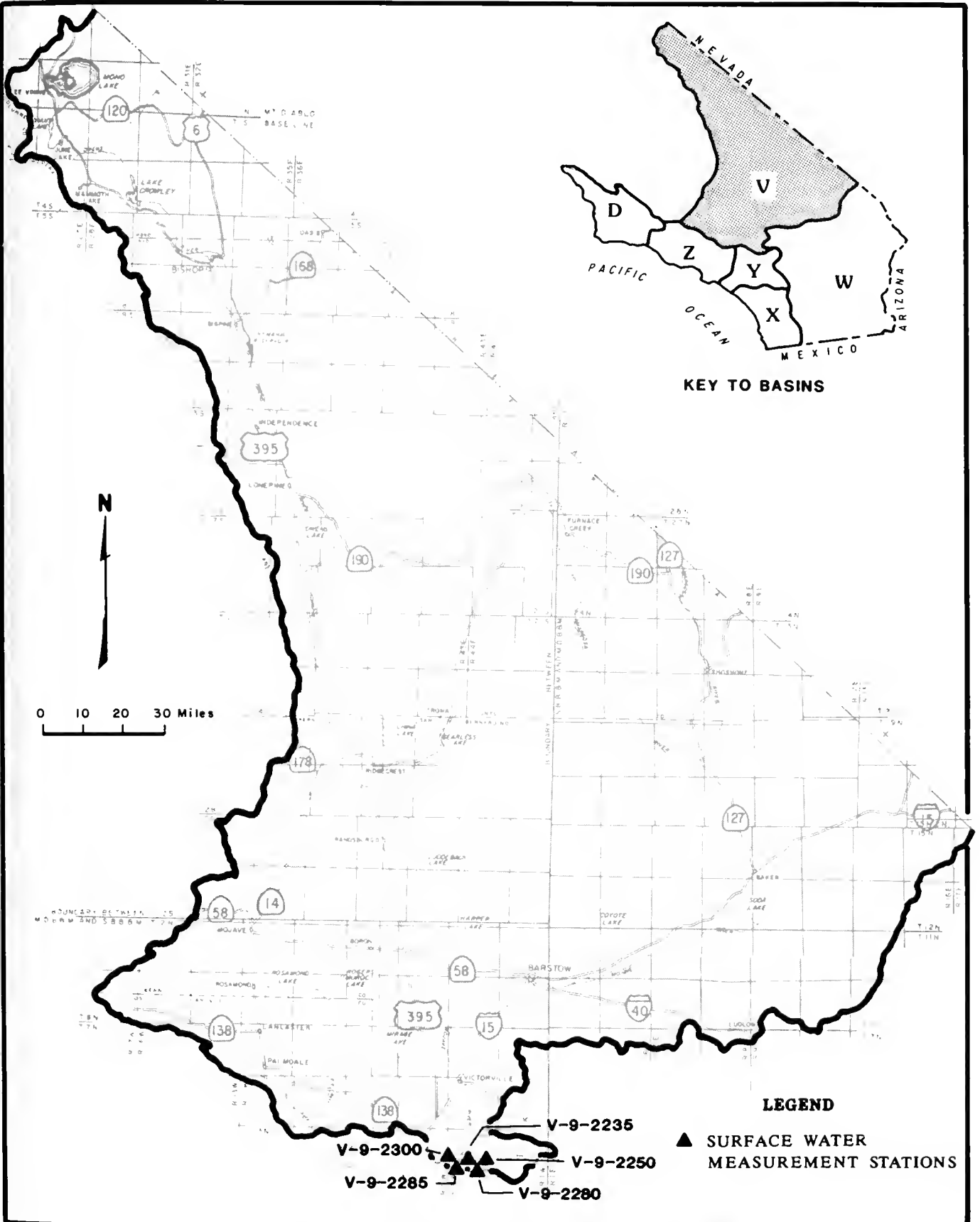


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SOUTH LAHONTAN BASIN

# TABLE B DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92235 MOJAVE RIVER, EAST FORK OF WEST FORK, ABOVE SILVERWOOD LAKE

LOCATION: LAT 34-16-30, LONG 117-19-23, T02N, R04W, SEC. 09, SB B&M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 16.0 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.1	1.7	19	7.5	5.1	11	3.4	2.0	.0	.0	.0	1
2	.0	.1	1.6	16	8.3	7.4	10	3.5	2.0	.0	.0	.0	2
3	.0	.1	1.9	14	7.8	9.8	9.3	3.4	2.6	.0	.0	.0	3
4	.0	.1	2.1	13	7.4	8.9	8.7	3.3	2.0	.0	.0	.0	4
5	.0	.1	1.8	12	7.0	5.8	8.0	3.3	1.7	.0	.0	.0	5
6	.0	.1	1.7	11	6.8	5.7	7.4	3.3	1.5	.0	.0	.0	6
7	.0	.1	1.7	15	6.6	5.8	7.0	3.2	1.2	.0	.0	.0	7
8	.0	6.1	4.3	28	6.7	5.6	6.6	3.0	1.0	.0	.0	.0	8
9	.0	1.4	2.4	18	29	5.3	6.1	3.3	.7	.0	.0	.0	9
10	.0	.5	2.2	15	21	5.1	5.8	3.8	.7	.0	.0	.0	10
11	.0	1.1	4.1	13	15	5.1	5.7	3.5	.6	.0	.0	.0	11
12	.0	1.0	2.4	12	14	5.0	5.4	3.2	.4	.0	.0	.0	12
13	.0	8.5	2.1	11	14	4.9	5.1	2.9	.3	.0	.0	.0	13
14	.0	1.8	1.8	10	13	4.8	5.0	2.8	.2	.0	.0	.0	14
15	.0	1.3	1.7	9.5	12	4.8	5.0	2.8	.2	.0	.0	.0	15
16	.0	.9	18	9.0	12	4.6	4.9	2.7	.2	.0	.0	.0	16
17	.0	.7	5.3	8.5	11	4.6	5.0	2.6	.2	.0	.0	.0	17
18	.0	.6	97	8.2	11	5.8	5.1	2.5	.2	.0	.0	.0	18
19	.0	1.5	173	7.9	11	5.5	5.1	2.4	.1	.0	.0	.0	19
20	.0	1.0	72	7.6	11	5.0	5.3	2.3	.1	.0	.0	.0	20
21	.1	3.0	34	7.7	11	4.7	5.9	2.2	.1	.0	.0	.0	21
22	.1	2.4	21	7.6	11	4.5	5.4	2.1	.1	.0	.0	.0	22
23	.1	1.9	16	7.5	11	4.4	5.0	2.0	.1	.0	.0	.0	23
24	.0	5.9	13	7.4	10	4.4	4.7	1.9	.1	.0	.0	.0	24
25	.0	5.2	11	7.1	10	4.3	4.5	2.0	.1	.0	.0	.0	25
26	.0	2.4	22	7.0	9.9	4.2	4.3	2.1	.1	.0	.0	.0	26
27	.0	2.0	145	7.2	9.7	12	4.1	2.0	.1	.0	.0	.0	27
28	.1	1.9	72	8.9	8.2	38	3.9	1.9	.1	.0	.0	.0	28
29	.1	1.8	41	10	--	24	3.9	1.8	.1	.0	.0	.0	29
30	.1	1.7	30	8.7	--	15	3.7	1.9	.1	.0	.0	.0	30
31	.1	--	23	7.9	--	13	--	2.0	--	.0	.0	--	31
DAILY MEAN	.0	1.8	26.7	11.1	11.2	7.8	5.9	2.7	.6	.0	.0	.0	
MAX	.1	8.5	173	28	29	38	11	3.8	2.6	--	--	--	
MIN	.0	.1	1.6	7.0	6.6	4.2	3.7	1.8	.1	.0	.0	.0	
ACRE FEET	1	110	1640	684	621	482	351	165	37				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	
5.7	Wed Dec 19, 1984	430	281	4.59	Mon Jul 01, 1985		.0	.00	4091

## REMARKS:

The station is located just south of the State Park bike-path in Miller Canyon.

EQUIPMENT: A Stevens analog to digital recorder that is telemetered to the Area Control Center. A Stevens analog to graphic recorder. These instruments are housed in a concrete recorder house located on the right bank of the stream. CONTROL: The concrete control has a low flow "v" notch. GAGE HEIGHT RECORD: The station is visited weekly.

The datum for this station from 1974 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No changes occurred in the streams drainage area this water year. DATUM: No datum changes were made. Peak flow for the year was 281 CFS on December 19, 1984. DISCHARGE: The rating table used this year was number 2. REMARKS: No major problems were encountered.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1974:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	281	4.59	Wed Dec 19, 1984	430

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92250 MOJAVE RIVER, EAST FORK OF WEST FORK, ABOVE CEDAR SPRINGS

LOCATION: LAT 34-16-18, LONG 117-17-30, T02N, R04W, SEC. 10, SB B&M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 11.5 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.1	.6	13	5.6	2.9	7.1	2.1	.8	.0	.0	.0	1
2	.0	.1	.6	12	6.2	4.1	6.5	2.1	.8	.0	.0	.0	2
3	.0	.1	.7	11	5.7	3.5	5.9	2.0	1.0	.0	.0	.0	3
4	.0	.1	.7	9.8	5.2	3.3	5.3	1.9	.8	.0	.0	.0	4
5	.0	.1	.6	9.2	4.9	3.1	4.9	1.9	.7	.0	.0	.0	5
6	.0	.1	.6	8.9	4.5	3.0	4.5	2.0	.6	.0	.0	.0	6
7	.0	.1	.6	9.9	4.4	3.0	4.2	1.8	.5	.0	.0	.0	7
8	.0	2.1	1.6	17	4.6	2.9	4.0	1.6	.4	.0	.0	.0	8
9	.0	.4	.8	13	15	2.7	3.7	1.8	.4	.0	.0	.0	9
10	.0	.3	.7	11	13	2.7	3.5	2.2	.3	.0	.0	.0	10
11	.0	.2	1.4	10	10	2.6	3.3	1.9	.3	.0	.0	.0	11
12	.0	.2	.8	9.2	9.8	2.6	3.1	1.7	.3	.0	.0	.0	12
13	.0	2.5	.8	8.5	10	2.6	3.1	1.6	.2	.0	.0	.0	13
14	.0	.7	.7	8.0	9.4	2.5	3.0	1.5	.2	.0	.0	.0	14
15	.0	.5	.8	7.7	9.2	2.5	3.1	1.6	.2	.0	.0	.0	15
16	.0	.5	4.9	7.3	9.1	2.4	2.9	1.5	.2	.0	.0	.0	16
17	.0	.4	1.7	6.9	9.0	2.4	3.0	1.4	.1	.0	.0	.0	17
18	.0	.4	8.9	6.7	8.8	3.1	3.0	1.2	.1	.0	.0	.0	18
19	.0	.4	155	6.4	9.0	2.7	3.0	1.2	.1	.0	.0	.0	19
20	.0	.4	45	6.3	9.0	2.4	3.3	1.1	.1	.0	.0	.0	20
21	.0	1.6	18	6.2	8.8	2.4	3.6	1.0	.1	.0	.0	.0	21
22	.0	1.0	13	6.0	8.6	2.3	3.4	.9	.0	.0	.0	.0	22
23	.0	.7	10	5.9	8.4	2.2	3.1	.9	.0	.0	.0	.0	23
24	.0	2.2	8.6	5.8	8.3	2.2	2.9	.8	.0	.0	.0	.0	24
25	.0	2.1	7.5	5.7	8.2	2.1	2.8	1.0	.1	.0	.0	.0	25
26	.0	.9	15	5.6	8.1	2.1	2.7	1.3	.0	.0	.0	.0	26
27	.0	.8	119	5.7	8.1	5.7	2.4	1.0	.0	.0	.0	.0	27
28	.1	.7	45	7.1	5.8	19	2.3	.8	.0	.0	.0	.0	28
29	.1	.7	22	8.1	--	13	2.3	.7	.0	.0	.0	.0	29
30	.1	.6	16	7.0	--	8.6	2.2	.7	.0	.0	.0	.0	30
31	.1	--	14	6.4	--	7.5	--	.8	--	.0	.0	--	31
DAILY MEAN	.0	.7	19.2	8.4	8.1	4.0	3.6	1.4	.3	.0	.0	.0	
MAX	.1	2.5	155	17	15	19	7.1	2.2	1.0	--	--	--	
MIN	.0	.1	.6	5.6	4.4	2.1	2.2	.7	.0	.0	.0	.0	
ACRE FEET	1	42	1182	518	450	246	214	87	16				

MEAN FLOW	DATE	TIME	INSTANTANEOUS DISCHARGE	MAXIMUM FLOW, 1984-5	DATE	TIME	INSTANTANEOUS DISCHARGE	MINIMUM FLOW, 1984-5	TOTAL
3.8	Wed Dec 19, 1984	415	303	4.83	Wed Jun 26, 1985		.0	.00	ACRE FEET 2756

## REMARKS:

Station is located approximately 75 feet from park kiosk in Miller Canyon.

EQUIPMENT: A Fisher-Porter analog to digital recorder and a Stevens analog to graphic recorder. CONTROL: A concrete rounded crested weir. GAGE HEIGHT RECORD: The reference gage is the outside staff. The inside gage, the Fisher recorder, is set one foot higher. The gage height record is complete and usable. RATING: The station is visited weekly.

The datum for this station from 1961 to present is .0, local.

## WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No change DATUM: No datum change. Levels were run in 1984. Six discharge measurements were made this water year. Peak flow of 303.5 CFS occurred during the storm of December 19, 1984. DISCHARGE: Rating table number 8 was in effect. REMARKS: No major problems occurred this year.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1961:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	303	4.83	Wed Dec 19, 1984	415

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92280 SAWPIT CANYON CREEK AT CEDAR SPRINGS

LOCATION: LAT 34-16-42, LONG 117-20-10, T02N, R04W, SEC. 06, SB B4M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 1.4 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.1	.3	.3	2.1	.7	.8	1.1	.4	.2	.0	.1	.1	1
2	.1	.2	.3	1.8	.7	.9	1.1	.4	.2	.0	.0	.1	2
3	.1	.1	.3	1.5	.7	.8	1.0	.4	.3	.0	.0	.1	3
4	.1	.1	.3	1.4	.6	.7	.9	.4	.2	.0	.0	.1	4
5	.2	.1	.3	1.3	.6	.7	.8	.4	.2	.0	.0	.1	5
6	.1	.1	.3	1.2	.7	.7	.8	.4	.2	.0	.0	.0	6
7	.1	.2	.3	1.4	2.3	.7	.7	.4	.1	.0	.0	.1	7
8	.1	.7	.5	2.2	1.7	.7	.7	.3	.1	.0	.1	.0	8
9	.1	.2	.3	1.6	1.5	.7	.7	.3	.1	.0	.0	.1	9
10	.2	.2	.3	1.5	1.3	.6	.7	.3	.1	.0	.0	.1	10
11	.2	.2	.4	1.4	1.2	.6	.6	.3	.1	.0	.1	.1	11
12	.3	.2	.3	1.3	1.1	.6	.6	.3	.1	.0	.1	.1	12
13	.3	1.5	.3	1.1	1.0	.6	.6	.3	.1	.0	.1	.0	13
14	.3	.3	.3	1.1	1.0	.6	.5	.3	.1	.0	.1	.0	14
15	.3	.3	.4	1.0	.9	.6	.5	.3	.1	.0	.1	.0	15
16	.3	.2	1.3	.9	.9	.6	.5	.3	.1	.0	.0	.0	16
17	.3	.2	.5	.9	.9	.5	.5	.3	.1	.0	.0	.0	17
18	.2	.2	5.2	.9	.9	.7	.6	.3	.1	.0	.0	.1	18
19	.2	.2	10	.9	.9	.6	.5	.3	.1	.0	.0	.0	19
20	.2	.2	4.5	.8	.8	.5	.6	.3	.1	.0	.0	.0	20
21	.3	.5	2.6	.8	.8	.5	.6	.2	.1	.0	.0	.0	21
22	.3	.3	2.0	.8	.8	.5	.5	.2	.1	.0	.0	.0	22
23	.2	.3	1.6	.8	.8	.5	.5	.2	.1	.0	.0	.0	23
24	.2	.8	1.4	.8	.8	.5	.5	.2	.1	.0	.0	.0	24
25	.2	.7	1.2	.7	.7	.5	.5	.2	.1	.0	.0	.0	25
26	.3	.4	2.1	.7	.7	.5	.4	.2	.1	.0	.0	.0	26
27	.3	.3	9.0	.7	.7	.9	.4	.2	.1	.0	.0	.1	27
28	.3	.3	5.0	.9	.7	2.9	.4	.2	.0	.0	.0	.1	28
29	.4	.3	3.4	.9	--	1.8	.4	.2	.0	.0	.0	.1	29
30	.4	.3	2.8	.8	--	1.5	.4	.2	.0	.0	.0	.1	30
31	.3	--	2.4	.8	--	1.3	--	.2	--	.0	.0	--	31
DAILY MEAN	.3	.4	2.0	1.2	1.0	.8	.7	.3	.2	.0	.1	.1	
MAX	.4	1.5	10	2.2	2.3	2.9	1.1	.4	.3	.0	.1	.1	
MIN	.1	.1	.3	.7	.6	.5	.4	.2	.0	.0	.0	.0	
ACRE FEET	17	23	120	71	54	51	40	21	9	2	4	5	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
.6	DATE TIME DISCHARGE GAGE HEIGHT	DATE TIME DISCHARGE GAGE HEIGHT	ACRE FEET
	Wed Dec 19, 1984 415 17 1.85	Sat Aug 31, 1985 1200 .0 1.10	417

## REMARKS:

The stilling well is located on the right bank of the stream approximately two miles inside Silverwood Lake State Recreation Area boundary.

EQUIPMENT: An A-35 analog to graphic recorder and Fisher-Porter analog to digital recorder. CONTROL: The control remains a Trenton type in which the sides are vertical with a flat bottom. GAGE HEIGHT RECORD: The base reference gage is the outside staff. The gage height record is complete and usable. RATING: The stream bed averages about .5 feet deep and is composed of gravel cobblestones and many large boulders. Channel width varies from 3 to 4 feet. The station is visited weekly and there were numerous discharge measurements made.

The datum for this station from 1962 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: There has been no major changes in the streams drainage area. It remains heavily forested and depending on the amount of snow includes considerable snow melt. DATUM: No datum changes were made. DISCHARGE: The rating table number 2 was in effect the current water year. REMARKS: No major problems occurred at this station for the current water year.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1962:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	17	1.85	Wed Dec 19, 1984	415



# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92285 MOJAVE RIVER, WEST FORK AT HIGHWAYS 138 BRIDGE

LOCATION: LAT 34-17-18, LONG 117-21-12, T02N, R05W, SEC. 01, SB B&M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 7.1 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.1	10	3.2	2.3	3.8	.9	.1	.0	.0	.0	1
2	.0	.0	.1	8.6	3.2	3.3	3.5	.8	.1	.0	.0	.0	2
3	.0	.0	.1	7.7	3.1	2.7	3.3	.8	.2	.0	.0	.0	3
4	.0	.0	.2	7.0	2.9	2.6	3.1	.8	.1	.0	.0	.0	4
5	.0	.0	.1	6.4	2.9	2.5	2.9	.7	.0	.0	.0	.0	5
6	.0	.0	.1	6.0	2.8	2.4	2.7	.7	.0	.0	.0	.0	6
7	.0	.0	.1	5.9	2.7	2.4	2.4	.7	.0	.0	.0	.0	7
8	.0	.0	.7	8.7	2.7	2.4	2.3	.6	.0	.0	.0	.0	8
9	.0	.0	.4	7.2	5.7	2.3	2.2	.7	.0	.0	.0	.0	9
10	.0	.0	.3	6.4	5.5	2.3	2.0	.8	.0	.0	.0	.0	10
11	.0	.0	.7	6.0	4.7	2.3	1.9	.9	.0	.0	.0	.0	11
12	.0	.0	.5	5.6	4.4	2.2	1.9	1.4	.0	.0	.0	.0	12
13	.0	.0	.4	5.2	4.2	2.1	1.7	1.0	.0	.0	.0	.0	13
14	.0	.0	.3	5.0	4.0	2.1	1.5	.6	.0	.0	.0	.0	14
15	.0	.0	.6	4.8	3.9	2.1	1.4	.5	.0	.0	.0	.0	15
16	.0	.0	11	4.4	3.6	2.0	1.4	.5	.0	.0	.0	.0	16
17	.0	.0	3.0	4.2	3.4	1.9	1.5	.4	.0	.0	.0	.0	17
18	.0	.0	39	4.1	3.3	2.4	1.5	.4	.0	.0	.0	.0	18
19	.0	.0	78	3.9	3.2	2.1	1.5	.4	.0	.0	.0	.0	19
20	.0	.0	36	3.6	3.1	2.0	1.5	.3	.0	.0	.0	.0	20
21	.0	.0	17	3.5	3.0	1.9	1.5	.3	.0	.0	.0	.0	21
22	.0	.1	11	3.5	2.9	1.9	1.5	.2	.0	.0	.0	.0	22
23	.0	.1	8.5	3.4	2.8	1.8	1.4	.2	.0	.0	.0	.0	23
24	.0	.2	7.1	3.3	2.7	1.7	1.3	.2	.0	.0	.0	.0	24
25	.0	.3	6.2	3.1	2.7	1.7	1.2	.1	.0	.0	.0	.0	25
26	.0	.2	14	3.1	2.6	1.7	1.2	.1	.0	.0	.0	.0	26
27	.0	.1	69	3.0	2.5	2.3	1.1	.2	.0	.0	.0	.0	27
28	.0	.1	33	4.0	2.4	7.9	1.1	.1	.0	.0	.0	.0	28
29	.0	.1	21	4.0	--	6.2	1.1	.1	.0	.0	.0	.0	29
30	.0	.1	16	3.5	--	4.8	1.0	.1	.0	.0	.0	.0	30
31	.0	--	13	3.3	--	4.3	--	.1	--	.0	.0	--	31
DAILY													
MEAN	.0	.0	12.5	5.1	3.4	2.7	1.9	.5	.0	.0	.0	.0	
MAX	--	.3	78	10	5.7	7.9	3.8	1.4	.2	--	--	--	
MIN	.0	.0	.1	3.0	2.4	1.7	1.0	.1	.0	.0	.0	.0	
ACRE													
FEET		3	769	314	187	164	112	31	1				

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	ACRE FEET
2.2	wed Dec 19, 1984	1900	174	3.15	Wed Jun 05, 1985		.0	.00	1581

## REMARKS:

The stilling well is located on the left bank of the stream on Cleghorn Canyon Road just under Highway 138 bridge.

EQUIPMENT: A Stevens analog to digital recorder that is telemetered to Area Control Center at Castaic. A Stevens A-35 analog to graphic recorder. Also included with the telemetering equipment is a solar cell system for electrical power. CONTROL: The control includes a "ogee" weir for low flow control and is made of concrete. RATING: The control is located on a concrete lined channel that extends approximately 100 feet upstream and fifty feet down stream from the stilling wells. The station is visited weekly. GAGE HEIGHT RECORD: The reference gage is the outside staff. The record is complete and usable.

The datum for this station from 1971 to present is .0, local.

## WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No major changes have occurred in the drainage area. DATUM: No datum changes were made. Five discharge measurements were made this water year. Peak flow of 143.36 CFS occurred December 19, 1984. DISCHARGE: The rating table in effect for the year was number 2. REMARKS: No major problems were encountered this year.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1971:

ACRE	FLOW	GAGE	DATE	TIME
FEET	CFS	HEIGHT		
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	174	3.15	Wed Dec 19, 1984	1900

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92300 MOJAVE RIVER, WEST FORK, ABOVE CEDAR SPRINGS

LOCATION: LAT 34-17-06, LONG 117-22-30, T02N, R05W, SEC. 02, SB B4M

DRAINAGE AREA: 3.2 SQ MILES

SAN BERNARDINO COUNTY

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.2	3.7	1.5	1.4	1.6	.6	.3	.0	.0	.0	1
2	.0	.0	.2	3.1	1.5	1.5	1.5	.6	.3	.0	.0	.0	2
3	.0	.0	.2	2.9	1.4	1.3	1.4	.6	.3	.0	.0	.0	3
4	.0	.0	.2	2.7	1.4	1.3	1.3	.6	.3	.0	.0	.0	4
5	.0	.0	.2	2.5	1.4	1.3	1.3	.6	.2	.0	.0	.0	5
6	.0	.0	.2	2.2	1.3	1.3	1.2	.6	.2	.0	.0	.0	6
7	.0	.0	.2	2.4	1.3	1.3	1.2	.5	.2	.0	.0	.0	7
8	.0	.1	.4	3.9	1.3	1.3	1.1	.5	.1	.0	.0	.0	8
9	.0	.1	.3	3.3	3.3	1.2	1.1	.6	.1	.0	.0	.0	9
10	.0	.0	.3	2.9	2.7	1.2	1.1	.6	.1	.0	.0	.0	10
11	.0	.0	.4	2.7	2.3	1.2	1.0	.6	.1	.0	.0	.0	11
12	.0	.0	.3	2.6	2.1	1.2	1.0	.6	.0	.0	.0	.0	12
13	.0	.2	.3	2.4	1.9	1.2	1.0	.5	.0	.0	.0	.0	13
14	.0	.1	.3	2.3	1.8	1.2	.9	.5	.0	.0	.0	.0	14
15	.0	.1	.4	2.2	1.8	1.2	.9	.4	.0	.0	.0	.0	15
16	.0	.1	3.6	2.0	1.7	1.1	.9	.4	.0	.0	.0	.0	16
17	.0	.1	1.1	1.9	1.6	1.1	1.0	.4	.0	.0	.0	.0	17
18	.0	.1	15	1.9	1.5	1.2	1.0	.4	.0	.0	.0	.0	18
19	.0	.1	29	1.8	1.5	1.1	1.0	.4	.0	.0	.0	.0	19
20	.0	.1	12	1.8	1.5	1.1	1.0	.4	.0	.0	.0	.0	20
21	.0	.1	5.1	1.7	1.4	1.1	1.0	.3	.0	.0	.0	.0	21
22	.0	.2	3.0	1.6	1.4	1.1	.9	.3	.0	.0	.0	.0	22
23	.0	.2	2.3	1.6	1.4	1.1	.8	.3	.0	.0	.0	.0	23
24	.0	.5	1.9	1.5	1.3	1.0	.8	.3	.0	.0	.0	.0	24
25	.0	.7	1.6	1.5	1.3	1.0	.8	.3	.0	.0	.0	.0	25
26	.0	.4	4.8	1.5	1.3	1.0	.7	.3	.0	.0	.0	.0	26
27	.0	.3	30	1.4	1.3	1.2	.7	.3	.0	.0	.0	.0	27
28	.0	.3	14	1.8	1.2	3.4	.7	.3	.0	.0	.0	.0	28
29	.0	.3	8.1	1.7	--	2.5	.7	.2	.0	.0	.0	.0	29
30	.0	.2	5.8	1.6	--	2.0	.7	.3	.0	.0	.0	.0	30
31	.0	--	4.5	1.5	--	7.7	--	.3	--	.0	.0	--	31
DAILY MEAN	.0	.1	4.7	2.2	1.6	1.5	1.0	.4	.1	.0	.0	.0	
MAX	--	.7	30	3.9	3.3	7.7	1.6	.6	.3	--	--	--	
MIN	.0	.0	.2	1.4	1.2	1.0	.7	.2	.0	.0	.0	.0	
ACRE FEET		9	289	136	90	95	60	27	4				

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
1.0	Thu Dec 27, 1984	430	47	2.71	Fri Jun 21, 1985		.0	.00	71

## REMARKS:

The station is located on the left bank of the stream just below Cleghorn Canyon Road approximately 3 miles east of Highway 138.

EQUIPMENT: Fisher-Porter analog to digital recorder. A Stevens analog to graphic recorder. CONTROL: The control is a concrete crest weir. GAGE HEIGHT RECORD: The reference gage is the outside staff. The inside gage, the Fisher recorder is set one foot higher. The gage height record is complete and usable. RATING: The station is visited weekly.

The datum for this station from 1961 to present is .0, local.

## WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No changes occurred in the stream's drainage area this year. DATUM: No datum change. Levels were run in 1984. Five discharge measurements were made this water year. Peak flow of 45.59 CFS occurred December 27, 1984. DISCHARGE: Rating table number 8 was in effect. REMARKS: No major problems occurred this W.Y.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1961:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	47	2.71	Thu Dec 27, 1984	430

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: Z23770 CANADA DE LOS ALAMOS BELOW APPLE CANYON

LOCATION: LAT 34-41-26, LONG 118-47-23, T07N, R18W, SEC. 21, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 61.8 SQ MILES

HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	2.2E	2.7E	2.4E	2.4E	2.4	2.3	2.8	2.3	2.0	2.1	1.9	1.9	1
2	2.2E	2.7E	2.3E	2.4E	2.2	2.2	2.8	2.3	2.0	2.1	1.9	1.9	2
3	2.2E	2.7E	2.4E	2.4E	2.2	2.2	2.8	2.3	2.0	2.1	1.9	1.9	3
4	2.2E	2.7E	2.3E	2.4E	2.2	2.3	2.8	2.3	2.0	2.1	1.9	1.9	4
5	2.2E	2.7E	2.3E	2.4E	2.2	2.4	2.8	2.3	2.0	2.1	1.9	1.9	5
6	2.3E	2.7E	2.3E	2.3E	2.2	2.5	2.7	2.3	2.0	2.1	1.9	1.9	6
7	2.3E	2.7E	2.3E	2.3E	2.2	2.5	2.7	2.3	2.0	2.0	1.9	1.9	7
8	2.3E	2.7E	2.5E	2.3E	2.1	2.4	2.7	2.3	2.0	2.0	1.9	1.9	8
9	2.3E	2.6E	2.4E	2.2	2.2	2.4	2.7	2.3	2.0	2.0	1.9	1.9	9
10	2.3E	2.6E	2.3E	2.6	2.0	2.5	2.7	2.3	2.0	2.0	1.9	1.9	10
11	2.4E	2.6E	2.6E	2.2	2.0	2.6	2.6	2.2	2.0	2.0	1.9	2.0	11
12	2.4E	2.6E	2.5E	2.2	2.0	2.7	2.6	2.2	2.0	2.0	1.9	2.0	12
13	2.4E	2.6E	2.4E	2.2	2.1	2.7	2.6	2.2	2.0	2.0	1.9	2.0	13
14	2.4E	2.6E	2.4E	2.3	2.0	2.8	2.6	2.2	2.0	2.0	1.9	2.0	14
15	2.4E	2.6E	2.4E	2.3	1.9	2.7	2.6	2.2	2.0	2.0	1.9	2.0	15
16	2.5E	2.6E	2.6E	2.3	2.0	2.8	2.5	2.2	2.0	2.0	1.9	2.0	16
17	2.5E	2.6E	2.5E	2.3	2.0	2.9	2.5	2.2	2.0	2.0	1.9	2.0	17
18	2.5E	2.5E	2.4E	2.5	2.0	3.1	2.5	2.2	2.0	2.0	1.9	2.0	18
19	2.5E	2.5E	2.6E	2.5	2.2	3.1	2.5	2.2	2.0	2.0	1.9	2.0	19
20	2.5E	2.5E	2.6E	2.5	2.3	3.0	2.5	2.1	2.0	2.0	1.9	2.0	20
21	2.5E	2.6	2.5E	2.5	2.3	2.9	2.4	2.1	2.0	1.9	1.9	2.1	21
22	2.6E	2.6E	2.4E	2.5	2.2	2.9	2.4	2.1	2.0	1.9	1.9	2.1	22
23	2.6E	2.6E	2.3E	2.5	2.1	3.1	2.4	2.1	2.0	1.9	1.9	2.1	23
24	2.6E	2.5E	2.2E	2.6	2.2	3.1	2.4	2.1	2.0	1.9	1.9	2.1	24
25	2.6E	2.5E	2.2E	2.6	2.1	3.2	2.4	2.1	2.0	1.9	1.9	2.1	25
26	2.6E	2.5E	2.2E	2.6	2.2	3.2	2.3	2.1	2.0	1.9	1.9	2.1	26
27	2.6E	2.4E	2.5E	2.6	2.2	3.0	2.3	2.1	2.0	1.9	1.9	2.1	27
28	2.7E	2.4E	2.5E	2.9	2.3	2.8	2.3	2.1	2.0	1.9	1.9	2.1	28
29	2.7E	2.4E	2.4E	2.7	--	2.8	2.3	2.0	2.0	1.9	1.9	2.1	29
30	2.7E	2.4E	2.4E	2.6	--	2.8	2.3	2.0	2.0	1.9	1.9	2.1	30
31	2.7E	--	2.4E	2.6	--	2.8	--	2.0	--	1.8	1.9	--	31
DAILY MEAN	2.4	2.6	2.4	2.4	2.1	2.7	2.6	2.2	2.0	2.0	1.9	2.0	
MAX	2.7	2.7	2.6	2.9	2.4	3.2	2.8	2.3	2.0	2.1	1.9	2.1	
MIN	2.2	2.4	2.2	2.2	1.9	2.2	2.3	2.0	2.0	1.8	1.9	1.9	
ACRE FEET	151	153	148	150	119	168	152	134	119	122	117	119	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1964-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
2.3	Mon Mar 25, 1985	TIME DISCHARGE GAGE HEIGHT 3.2 2.63	Wed Jul 31, 1985	TIME DISCHARGE GAGE HEIGHT 1.8 2.54	ACRE FEET 1652

## REMARKS:

On right bank about 1,300 feet upstream of Warne Power Plant.

EQUIPMENT: Fisher-Porter A.D.R. and Steven's A-35 recorders installed in a 48 inch steel pipe house mounted on concrete pipe. Records are normally 35 feet above water level. Control structure is a concrete lined channel with a concrete "V" notched weir. One outside staff is located on weir. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Fisher-Porter is the principal gage. Gage is checked by the outside staff and backed by the Steven's A-35 continuous chart. Due to plugged contact and extensive weed growth, means were calculated using hydrographs, rainfall record, and measurements. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Gage height shifts were used and applied for each streamflow measurement. All shifts are listed on a separate page. RATING: Channel width is approximately 75 feet. Both right and left bank are lined concrete with a "V" shaped channel. Stream is fed by a spring approximately two miles up from the station. Flows generally run around two C.F.S. all year. DISCHARGE: Primary computations were done at the San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: During peak discharge silt is brought in and settles in pond upstream of the weir, promoting tulies and algae growth.

The datum for this station from 1965 to present is .0, local.

## WATER YEAR 1985:

Peak discharge for the season was on March 25 with a mean of 3.2 cfs. There were 20 visits to the station and 12 measurements made. Numbering 324 thru 335. E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	3.2	2.63	Mon Mar 25, 1985	

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: 223790 PIRU CREEK BELOW BUCK CREEK

LOCATION: LAT 34-39-58, LONG 118-49-18, T07N, R18W, SEC. 30, SB B&M

VENTURA COUNTY

DRAINAGE AREA: 197.9 SQ MILES

HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	4.0E	6.4	9.4E	18	16	18	14	7.9	5.8	2.5	2.2	2.3	1
2	4.1E	6.4	9.3E	17	17	18	13	7.7	5.6	2.5	2.1	2.5	2
3	4.2E	6.4	9.5E	17	15	18	13	7.6	5.6	2.5	2.1	2.7	3
4	4.2E	6.4	9.4E	16	15	17	13	7.5	5.3	2.5	2.0	3.0	4
5	4.3E	6.4	9.4E	16	15	17	13	7.2	4.8	2.5	2.1	3.1	5
6	4.3E	6.5	9.3E	16	15	16	13	7.2	4.4	2.5	2.0	3.0	6
7	4.4E	6.6	9.3E	22	15	17	12	7.3	4.1	2.5	2.0	3.2	7
8	4.4E	7.1	9.3E	38	15	17	12	7.3	3.9	2.5	2.0	2.9	8
9	4.5E	6.9	11 E	29	18	16	12	7.4	3.7	2.4	2.0	3.0	9
10	4.5E	7.0	15 E	32	17	15	12	7.6	3.5	2.4	2.1	3.0	10
11	4.6E	7.2	33 E	26	16	15	11	7.5	3.3	2.4	2.1	3.2	11
12	4.7E	7.9	21 E	24	16	15	11	7.3	3.3	2.4	2.2	3.1	12
13	4.8E	52	14 E	21	16	14	11	6.9	3.2	2.4	2.2	2.8	13
14	4.9E	18	11 E	20	16	14	11	6.6	3.1	2.4	2.2	2.7	14
15	5.0E	12	9.0E	20	17	14	10	6.3	3.0	2.4	2.2	2.6	15
16	5.1E	11	11 E	20	18	14	10	6.3	3.0	2.4	2.1	2.7	16
17	5.2E	13	9.8E	18	22	14	11	6.5	2.9	2.3	2.2	2.9	17
18	5.3	13 E	11	18	25	14	11	6.4	2.8	2.3	2.2	3.0	18
19	5.4	13 E	13	19	28	14	11	6.1	2.8	2.3	2.2	3.1	19
20	5.6	12 E	12	21	27	14	10	5.9	2.8	2.3	2.2	3.1	20
21	5.8	12 E	12	22	24	14	10	5.8	2.8	2.3	2.1	3.1	21
22	5.8	11	13	23	21	14	10	5.6	2.8	2.3	2.1	3.2	22
23	5.8	11	12	20	20	13	9.6	5.5	2.7	2.3	2.1	3.2	23
24	5.8	12	12	19	19	13	9.2	5.2	2.9	2.3	2.0	3.2	24
25	5.8	15	13	18	18	13	9.0	5.1	3.0	2.2	2.0	3.3	25
26	5.8	12	14	18	18	13	9.1	5.4	2.8	2.2	2.1	3.3	26
27	6.0	11	21	17	18	14	8.9	5.5	2.5	2.2	2.0	3.4	27
28	6.1	10	20	18	18	14	8.6	5.5	2.4	2.2	2.1	3.5	28
29	6.1	9.9	18	19	--	16	8.5	5.4	2.4	2.2	2.1	3.5	29
30	6.2	9.4	18	17	--	15	8.3	5.4	2.5	2.2	2.1	3.6	30
31	6.4	--	18	16	--	14	--	5.8	--	2.2	2.1	--	31
DAILY MEAN	5.1	11.3	13.4	20.5	18.4	15.0	10.8	6.5	3.5	2.4	2.1	3.0	
MAX	6.4	52	33	38	28	18	14	7.9	5.8	2.5	2.2	3.6	
MIN	4.0	6.4	9.0	16	15	13	8.3	5.1	2.4	2.2	2.0	2.3	
ACRE FEET	316	671	827	1260	1021	920	646	398	206	145	129	181	

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
9.3	Tue Nov 13, 1984	1200	185	3.16	Thu Aug 29, 1985	1815	.5	.79	6720

## REMARKS:

LOCATION Immediately downstream of confluence of Buck Creek and 3.7 miles north-west of Pyramid Dam in Los Padres National Forest.

EQUIPMENT: Stevens 7000 A.D.R. and A-71 continuous chart recorder are located inside of 36 inch steel pipe housing and well. There are 3 outside staffs graduating from .00 to 10.00 feet. Control is a concrete compound weir with a 1/4 inch steel cap to reduce wear. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Principal gage is the Steven's 7000 A.D.R. backed by the A-71 continuous recorder. A.D.R. failure on two occasions October 1 thru 17 and December 1 thru 17. Record was made using A-71 charts and measurements. RATING: Channel width is approximately 70 feet. Right and left bank are vertical rock. Streambed upstream of weir is sand, rock, and small vegetation. Downstream has washed down to the bedrock with large rock on right bank. Rating table number 3 was used for entire year. There were 24 current meter measurements numbering 412 thru 435. Total number of station observations was 39. DISCHARGE: Primary computations were done in San Joaquin District in Fresno, California, using the USGS surface water program, modified for use on the Wang Computer system. REMARKS: When flows reach about 400 C.F.S. access to the station is cut off 3 miles upstream. Measurements are sometimes made at that point (crossing) to use for comparisons.

The datum for this station from 1965 to present is .0, local.

## WATER YEAR 1985:

Peak discharge for the year was November 13 with a mean flow of 52 cfs. DATUM AND GAGE-HEIGHT CORRECTIONS: Datum corrections were used during this period of record in order to correct for swimmers dams. Gage height shifts were made and applied for each measurement in a stage shift manner. All shifts are listed on a separate page.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1965:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	185	3.16	Tue Nov 13, 1984	1200

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: 232340 NECKTIE CANYON CREEK ABOVE CASTAIC

LOCATION: LAT 34-33-36, LONG 118-36-48, T06N, R16W, SEC. 31, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 2.1 SQ MILES

HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.1	.1	.1E	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.1	.1	.1E	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.2	.1	.2E	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.1		.2E	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.1	1.9	.1E	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.2	.8	.1E	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.1	.4	.1E	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.1E	.3	.1E	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.1	.2	.1E	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.5	.1	.1	.1E	.0	.0	.0	.0	.0	.0	18
19	.0	.0	9.4	.1	.1	.0E	.0	.0	.0	.0	.0	.0	19
20	.0	.0	3.7	.1	.1	.0E	.0	.0	.0	.0	.0	.0	20
21	.0	.0	1.5	.1	.1	.0E	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.7	.1	.1	.0E	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.5	.1	.1	.0E	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.6	.1	.1	.0E	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.6	.1	.1	.0E	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.4	.1	--	.0E	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.3	.1	--	.0E	.0	.0	.0	.0	.0	.0	30
31	.0	--	.3	.1	--	.0E	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.6	.1	.2	.1	.0	.0	.0	.0	.0	.0	
MAX	--	--	9.4	.2	1.9	.2	--	--	--	--	--	--	
MIN	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET			38	7	13	4							

MEAN FLOW	DATE	INSTANTANEOUS	TIME	MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS	TIME	MINIMUM FLOW, 1984-5	TOTAL
.1	Wed Dec 19, 1984	1445	DISCHARGE	GAGE HEIGHT	Tue Mar 19, 1985	1330	DISCHARGE	GAGE HEIGHT	ACRE FEET
			26	1.68			.0	.46	62

## REMARKS:

2.2 miles north of Castaic Dam, 400 feet upstream of maximum lake level.

The datum for this station from 1967 to present is .0, local.

## WATER YEAR 1985:

Flow started in December and ended in March. Peak flow for season was December 19. GAGE-HEIGHT RECORD: Record was good for the entire year. However, in March estimated means were made by using hydrograph comparisons. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Shifts were made and applied for each measurement. All shifts are listed on separate pages.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1967:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	26	1.68	Wed Dec 19, 1984	1445

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: 232345 ELDERBERRY CANYON CREEK ABOVE CASTAIC CREEK

LOCATION: LAT 34-34-18, LONG 118-37-30, T06N, R17W, SEC. 36, SB B6M

LOS ANGELES COUNTY

DRAINAGE AREA: 2.6 SQ MILES

HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.1	.8	.1	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.1	.5	.1	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	3.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.5	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.3	.1	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.3	.1	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	3.9	.2	.8	.1	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET			25	6	6	2							

MEAN FLOW	DATE	TIME	INSTANTANEOUS DISCHARGE	MAXIMUM FLOW, 1984-5 GAGE HEIGHT	DATE	TIME	INSTANTANEOUS MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
.1	Wed Dec 19, 1984	1615		11 1.90	Mon Mar 11, 1985	430		.0 .22	39

## REMARKS:

3.0 miles north of Castaic Dam and 300 feet up the canyon.

EQUIPMENT: Fisher-Porter A.D.R. and a Stevens A-35 continuous chart recorder equipment is checked with the outside staff. Station house and well is a concrete bunker with a 1/4 inch steel door. A compound weir with a steel cap is used for control. Station has a low flow 2" contact pipe in front of a "V"-notch. Holes have been drilled in well side for high flow contact. RATINGS: Station is normally dry during summer and fall. Rating table number 3 used when flow is present. Streambed is steep and rocky. Left bank is vertical rock. Right bank is sloped with grouted rip-rap for stability. There were 11 measurements made numbering from 207 thru 218. Types of measurements were volumetric and six-tenths method using a pygmy current meter. A total of 16 visits to the station. Rating is good and no improvements were needed. DISCHARGE: Primary computations were done at San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: Station is well established and gives a good indication of flow activity for streams in the area.

The datum for this station from 1966 to present is .0, local.

WATER YEAR 1985:

Peak discharge was December 19 with a mean daily flow of 3.9 cfs. GAGE-HEIGHT RECORD: Record was excellent for the year. During time of flow (December thru March). Primary record was the A.D.R. and checked by the analog recorder. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Shifts were made for each measurement and applied in a stage shift manner, using the A-35 charts for each month.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1966:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	11	1.90	Wed Dec 19, 1984	1615

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: Z32370 FISH CREEK ABOVE CASTAIC CREEK

LOCATION: LAT 34-36-09, LONG 118-39-43, T06N, R17W, SEC. 22, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 27.2 SQ MILES

HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	2.9	1.6	1.2	.7	.0	.0	.0	.0	.0	1
2	.0	.0	.0	2.7	1.6	1.2	.7	.0	.0	.0	.0	.0	2
3	.0	.0	.0	2.6	1.6	1.2	.6	.0	.0	.0	.0	.0	3
4	.0	.0	.0	2.4	1.5	1.2	.6	.0	.0	.0	.0	.0	4
5	.0	.0	.0	2.3	1.4	1.2	.6	.0	.0	.0	.0	.0	5
6	.0	.0	.0	2.2	1.4	1.2	.5	.0	.0	.0	.0	.0	6
7	.0	.0	.0	2.5	1.4	1.8	.5	.0	.0	.0	.0	.0	7
8	.0	.0	.0	2.6	1.5	1.5	.5	.0	.0	.0	.0	.0	8
9	.0	.0	.0	2.3	2.3	1.3	.4	.0	.0	.0	.0	.0	9
10	.0	.0	.0	2.6	1.7	1.3	.4	.0	.0	.0	.0	.0	10
11	.0	.0	.0	2.3	1.6	1.3	.4	.0	.0	.0	.0	.0	11
12	.0	.0	.0	2.1	1.6	1.3	.3	.0	.0	.0	.0	.0	12
13	.0	.0	.0	2.0	1.5	1.2	.3	.0	.0	.0	.0	.0	13
14	.0	.0	.0	1.9	1.4	1.2	.2	.0	.0	.0	.0	.0	14
15	.0	.0	.0	1.9	1.4	1.1	.2	.0	.0	.0	.0	.0	15
16	.0	.0	.0	1.9	1.4	1.1	.1	.0	.0	.0	.0	.0	16
17	.0	.0	.0	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	17
18	.0	.0	.4	1.9	1.4	1.1	.1	.0	.0	.0	.0	.0	18
19	.0	.0	17	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	19
20	.0	.0	14	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	20
21	.0	.0	6.7	1.8	1.4	.9	.1	.0	.0	.0	.0	.0	21
22	.0	.0	4.1	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	22
23	.0	.0	3.3	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	23
24	.0	.0	2.7	1.8	1.3	.8	.1	.0	.0	.0	.0	.0	24
25	.0	.0	2.3	1.8	1.3	.8	.1	.0	.0	.0	.0	.0	25
26	.0	.0	2.3	1.8	1.3	.9	.0	.0	.0	.0	.0	.0	26
27	.0	.0	4.7	1.8	1.3	1.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	4.2	2.1	1.2	.9	.0	.0	.0	.0	.0	.0	28
29	.0	.0	3.5	2.1	--	.9	.0	.0	.0	.0	.0	.0	29
30	.0	.0	3.3	1.8	--	.8	.0	.0	.0	.0	.0	.0	30
31	.0	--	3.1	1.7	--	.7	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	2.3	2.1	1.5	1.1	.3	.0	.0	.0	.0	.0	
MAX	--	--	17	2.9	2.3	1.8	.7	--	--	--	--	--	
MIN	.0	.0	.0	1.7	1.2	.7	.0	.0	.0	.0	.0	.0	
ACRE FEET			142	129	81	67	16						

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
.6	Thu Dec 19, 1985	1745	41	2.64	Fri Apr 26, 1985		.0	.00	435

REMARKS:

FISH CREEK  
Z3-2370 Below Castaic Creek 1,500 feet and 7.9 miles north of Castaic.

EQUIPMENT: Fisher-Porter A.D.R. and a Stevens A-71 continuous chart recorder. One outside staff located on weir. Weir is a compound design made of concrete with a 1/4 inch steel cap to reduce wear. Station house and well are concrete block. Access door is steel plate with a hinged backing plate to deflect bullets. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Fisher-Porter A.D.R. is principal gage. Checked with outside staff and backed up by the A-35. RATING: Channel width is approximately 90 feet. Right and left banks are sloped rock and dirt with small vegetation. DISCHARGE: Primary computations were done at San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: Rating table number seven could use an extension on the upper end of curve.

The datum for this station from 1965 to present is .0, local.

WATER YEAR 1985:

There were 14 measurements made numbering 312 thru 325, with a total of 40 visits. Rating number seven was used. Rating is fair, but could use more high flow measurements to confirm it. Record is complete for the year. A.D.R. quit in December and record was calculated using A-35 chart. Peak discharge was December 19 with a mean daily flow of 17 C.F.S. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were used for this period of record. Gage-height shifts made for each measurement and applied in a stage-shift manner, using the A-35 charts for each month. Shifts listed on separate sheet.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	41	2.64	Thu Dec 19, 1985	1745

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: Z32388 CASTAIC CREEK ONE MILE ABOVE FISH CREEK

LOCATION: LAT 34-36-54, LONG 118-39-28, T06N, R17W, SEC. 14, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 35.9 SQ MILES

HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0E	1.4	1.2	1.1	.9	.1	.0	.0	.0	.0	1
2	.0	.0	.0E	1.4	1.5	1.0	.9	.1	.0	.0	.0	.0	2
3	.0	.0	.2E	1.4	1.4	1.0	.9	.1	.0	.0	.0	.0	3
4	.0	.0	.1E	1.3	1.4	1.0	.8	.1	.0	.0	.0	.0	4
5	.0	.0	.0E	1.3	1.3	1.0	.8	.1	.0	.0	.0	.0	5
6	.0	.0	.0E	1.4	1.3	1.0	.7	.0	.0	.0	.0	.0	6
7	.0	.0	.0E	1.6	1.3	1.6	.7	.0	.0	.0	.0	.0	7
8	.0	.0	.3E	1.5	1.3	1.3	.6	.0	.0	.0	.0	.0	8
9	.0	.0	.2E	1.4	2.2	1.2	.6	.0	.0	.0	.0	.0	9
10	.0	.0	.1E	1.7	1.6	1.3	.5	.0	.0	.0	.0	.0	10
11	.0	.0	.0E	1.6	1.7	1.3	.5	.0	.0	.0	.0	.0	11
12	.0	.0	.0E	1.4	1.6	1.3	.4	.0	.0	.0	.0	.0	12
13	.0	.5E	.0E	1.3	1.6	1.2	.4	.0	.0	.0	.0	.0	13
14	.0	.1E	.0E	1.3	1.5	1.3	.3	.0	.0	.0	.0	.0	14
15	.0	.0	.0E	1.3	1.5	1.3	.3	.0	.0	.0	.0	.0	15
16	.0	.0	.5E	1.3	1.4	1.3	.3	.0	.0	.0	.0	.0	16
17	.0	.1E	.4E	1.3	1.4	1.1	.3	.0	.0	.0	.0	.0	17
18	.0	.0	3.0E	1.3	1.4	1.2	.3	.0	.0	.0	.0	.0	18
19	.0	.0	10 E	1.3	1.6	1.1	.2	.0	.0	.0	.0	.0	19
20	.0	.0	9.2E	1.3	1.6	1.1	.2	.0	.0	.0	.0	.0	20
21	.0	.0	8.6E	1.4	1.5	1.0	.2	.0	.0	.0	.0	.0	21
22	.0	.0	7.8E	1.4	1.4	.9	.2	.0	.0	.0	.0	.0	22
23	.0	.0	7.3E	1.3	1.4	.9	.2	.0	.0	.0	.0	.0	23
24	.0	.0	6.8E	1.3	1.3	.9	.2	.0	.0	.0	.0	.0	24
25	.0	1.0E	5.9E	1.3	1.3	.9	.2	.0	.0	.0	.0	.0	25
26	.0	.0	5.0E	1.3	1.2	.9	.2	.0	.0	.0	.0	.0	26
27	.0	.0	4.2E	1.4	1.2	1.2	.1	.0	.0	.0	.0	.0	27
28	.0	.0	3.7E	1.7	1.1	1.0	.1	.0	.0	.0	.0	.0	28
29	.0	.0	2.6E	1.7	--	.9	.1	.0	.0	.0	.0	.0	29
30	.0	.0	2.1E	1.5	--	.9	.1	.0	.0	.0	.0	.0	30
31	.0	--	1.4E	1.4	--	.9	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.1	2.6	1.4	1.4	1.1	.4	.0	.0	.0	.0	.0	
MAX	--	1.0	10	1.7	2.2	1.6	.9	.1	--	--	--	--	
MIN	.0	.0	.0	1.3	1.1	.9	.1	.0	.0	.0	.0	.0	
ACRE FEET		3	157	86	80	68	24	1					

MEAN FLOW	DATE	TIME	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	TIME	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
.6	Wed Dec 19, 1984	1530	DISCHARGE 23 GAGE HEIGHT 1.95	Mon May 06, 1985	715	DISCHARGE .0 GAGE HEIGHT .46	ACRE FEET 419

## REMARKS:

EQUIPMENT: Stevens 7001 A.D.R. and A-35 continuous recorders in 36" C.M.P. recorder house and well. Contact is a 2" galvanized pipe that extends from the station to the "V"-notch at the weir. Weir is compound with 1/4 inch steel cap to minimize wear. GAGE-HEIGHT RECORD: Steven's 7001 A.D.R. is principal gage. Recorder is checked by an outside staff and backed up with the A-35. RATING: Channel width is approximately 60 feet. Left bank is steep with grouted rip-rap. Right bank is a gentle slope of rock and sand. Streambed consists of mostly sand with small rock. Flow reaching about 6 feet over weir would start to overtop right bank and open up a new flood plain. DISCHARGE: Primary computations were done at the San Joaquin District in Fresno, California, using the USGS surface water program, modified for use on the Wang Computer system. REMARKS: Rating table needs to be confirmed with high flow measurements. Annual runoff has been low since weir was rebuilt.

The datum for this station from 1968 to present is .0, local.

## WATER YEAR 1985:

Record is fair with estimated means for the months of December and April. Both cases were due to recorder failure. Hydrography comparisons and A-35 charts were used. There are 21 measurements numbering from 420 thru 440. Methods were current meter .6 and volumetric, with a total of 27 visits to the station. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were used. Gage-height shifts were made and applied for each measurement in a stage shift manner. All shifts and corrections are listed on a separate sheet.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1968:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		23	1.95	Wed Dec 19, 1984	1530



## **APPENDIX C**

### **SURFACE WATER QUALITY**

# SAMPLING STATION INDEX SOUTHERN CALIFORNIA

Station	Station Number	Location*	Areal Code	Beginning of Record	Analyses on Page
ALAMO R. N. OF THE INT BOUNDARY	W9 2025.00	17S/16E-18S	X23A0	DEC 1969	521
ALAMO R NR. NILAND	W9 2100.00	11S/13E-22S	X23A0	OCT 1949	52
ALL AMERICAN CA AB PILOT KNOB WY	W7 1929.00	16S/21E-24S	X23A0	MAY 1953	51
CACHUMA RES NR. SANTA YNEZ	D8 1565.00	06N/29W-19S	T14D0	MAR 1958	50, 61
CHINO C NR. CHINO	Y2 1210.05	03S/08W-36S	Y01A3	NOV 1945	53
COLORADO R AQU NR PARKER DM	W2 1960.00	03N/27E-28S	X1400	MAR 1960	50
CUYAMA R BL TWITCHELL DM	D6 3050.00	10N/32W-18S	T1200	MAY 1959	50, 63, 67
EATON WA A PASADEN DIV	Z7 5920.10	01N/12W-02S	U05C2	MAY 1985	59, 61
EL SINORE LK A EL SINORE	Y8 2200.00	06S/05W-02S	Y02C1	MAY 1951	55
ESCONDIDO C NEAR HARMONY GROVE	X4 3400.05	12S/02W-30S	Z04F2	DEC 1950	52, 63, 67
HUASNA R NR ARROYO GRANDE	06 4150.00	12N/33W-32S	T12C0	OCT 1984	50, 63, 67
MATILIJA CA MATILIJA HOT SPRINGS	Z1 5150.00	05N/23W-19S	U02B0	JAN 1971	56, 61
MISSION C NR MONTEBELLO	Z7 6150.00	02S/11W-06S	U05A5	MAR 1950	59
MOJAVE R A LO NARS NR VICTORVILLE	V9 1620.00	06N/04W-29S	W28B0	DEC 1941	50, 61, 63, 67
MOJAVE R BL FORKS RES NR HESPERIA	V9 2095.00	03N/03W-18S	W28B0	OCT 1971	50, 61
NEW R A INT BDY A CALEXICO	W9 1830.00	17S/14E-14S	X23A0	APR 1951	52
NEW R NR WESTMORELAND	W9 1100.00	12S/13E-19S	X23A0	OCT 1949	52
OTAY R A SAVAGE DM	X7 1300.00	18S/01E-18S	Z10B0	DEC 1950	53, 64, 68
PIRU C BL SANTA FELICIA DM	Z2 3240.00	04N/18W-03S	U03D1	JUNE 1961	57, 61
PIRU C RELEASE FROM PYRAMID DM	Z2 3760.00	06N/18W-02S	U03D2	SEPT 1973	57, 69
RIO HONDO BL WHITTIER NARROWS DM	Z6 9780.00	02S/12W-12S	U05A5	MAY 1963	57
RIO HONDA NR MONTEBELLO	Z7 5100.00	02S/11W-06S	U05D1	JAN 1952	59, 65, 70
SALTON SEA AT SALTON SEA ST PK	W5 1600.70	08S/10E-02S	X2800	NOV 1951	51
SAN DIEGO R A OLD MISSION DAM	X5 1230.30	15S/02W-25S	Z07A2	JAN 1952	53, 63, 67
SAN DIEGUITO R A HODGES LK	X4 1200.00	13S/03W-18S	Z04F1	DEC 1946	52, 63, 67
SAN GABRIEL R A AZUSA PH	Z7 1927.10	01N/10W-22S	U05D3	MAR 1951	58, 61
SAN GABRIEL R A WHITTIER NARROWS	Z7 1100.90	02S/11W-05S	U05A5	MAR 1950	58, 65, 69
SAN JACINTO R NR SAN JACINTO	Y9 1450.00	05S/01E-13S	Y02B1	FEB 1985	56, 65, 69
SAN TIMOTEO C WT AV NR SAN BERNAR	Y7 1145.00	01S/04W-23S	Y01E2	MAR 1964	55, 65, 69
SANTA ANA R A E ST BR NR SAN BERNAR	Y5 1100.00	01S/04W-22S	Y01E2	JAN 1966	54, 61, 64, 68
SANTA ANA R A HAMMER AV NR CORONA	Y6 1225.00	03S/07W-01S	Y01B5	NOV 1945	55, 64, 68
SANTA ANA R A MWD XING NR ARLIN	Y6 1410.00	02S/06W-25S	Y01B6	NOV 1948	55, 65, 69
SANTA ANA R BL PRADO DM	Y1 1550.00	03S/07W-29S	Y01A3	MAR 1950	53, 61, 64, 68
SANTA ANA R NO 3 TR NR MENTONE	Y5 1978.00	01S/02W-04S	Y01E7	APR 1951	54
SANTA CLARA R A HWY 99	Z2 1702.00	04N/16W-17S	U03E0	SEPT 1951	56, 61
SANTA CLARA R A LA-VENTURA COU LI	Z3 1135.00	04N/17W-30S	U03E1	APR 1951	57, 61
SANTA CLARA R NR SANTA PAULA	Z2 1360.10	03N/21W-12S	U03C1	FEB 1951	56, 61
SANTA MARGARITA R NR FALLBROOK	X2 1350.00	09S/04W-14S	Z02B1	FEB 1951	52, 63, 67
SANTA PAULA C NR SANTA PAULA	Z2 1300.00	04N/21W-27S	U03B1	JULY 1917	56, 61
SANTA YNEZ R A SOLVANG	D8 1440.00	06N/31W-21S	T14C0	APR 1951	50, 63, 67
SESPE C NR FILLMORE	Z2 2150.00	04N/20W-12S	U03C1	FEB 1951	56, 61
SISQUOC R NR GAREY	D6 2100.00	10N/33W-36S	T12B0	FEB 1985	50, 63
SWEETWATER R A LOVEL DM NR ALPINE	X6 1450.00	16S/02E-17S	Z09B1	MAY 1971	53, 64, 67
TIAJUANA R A INT BOUNDARY	X8 1200.20	19S/02W-01S	Z11A1	FEB 1952	53, 64, 68
VENTURA R NR VENTURA	Z1 1100.00	03N/23W-08S	U02B0	MAY 1951	56, 65, 69
WHITEWATER R A WHITEWATER	W3 1450.00	03S/03E-02S	X19D1	FEB 1951	51, 61
WHITEWATER R NR MECCA	W3 1070.00	07S/09E-30S	X19D1	JULY 1957	51, 63, 67

\* S = San Bernadino Base and Meridian

## APPENDIX C

### SURFACE WATER QUALITY

Appendix C presents the results of chemical analyses of surface water samples collected in Southern California from October 1, 1984 to September 30, 1985. The data are presented in categories, as follows:

Table	Title
C-1	Mineral Analyses of Surface Water
C-2	Minor Element Analyses of Surface Water
C-3	Miscellaneous Analyses of Surface Water
C-4	Nutrient Analyses of Surface Water

To facilitate use of the surface water quality tables, a sampling station index is provided on the facing page. This index lists the stations in the tables and gives location data for each. The number of pages referenced indicates the extent of analysis for each station. The locations of the stations are shown on Figure 5, (pages 41 through 47).

In order to increase the amount of information presented in the water quality tables, multiple headings are used at the top of each column, and data tabulated respectively. For example, the first column of Table C-1 shows the date of sample collection printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

At the time of sampling, dissolved oxygen, pH, temperature, specific conductance and gage height are determined.

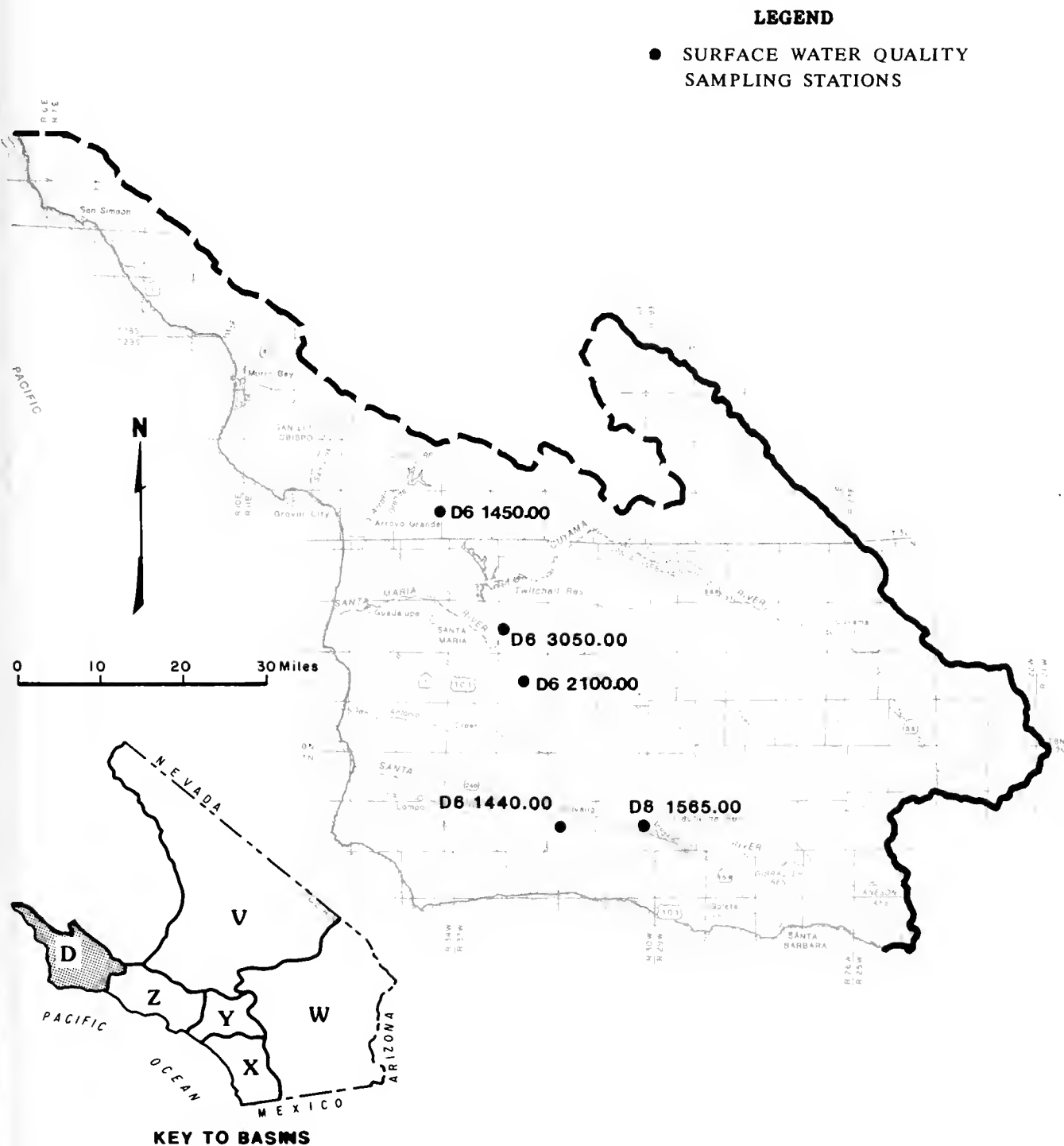
Abbreviations and codes used in each table are explained at the beginning of each table.

Surface water quality stations are listed in the tables by ascending station number. The station number appears on the left, and the areal code on the right of the station name. The areal code is described on page 2.

As with surface water measurement stations, surface water quality stations are named after the stream and a nearby landmark or post office. An example of this is the station "Cuyama River below Twitchell Dam." If a sampling station is situated at the site of a surface water measurement station, each uses the same name.

The first character of a surface water quality station number is one of the *basin code* letters shown in Figure 1. The second character, a numeral, designates a specific tributary area within that major basin. These two characters, therefore, indicate the general location of the station. In this appendix, data are reported for the basins and tributaries listed on the following page:

BASIN		TRIBUTARY	
Ltr	Name	No.	Name
D	Central Coastal	6	Santa Maria – Cuyama
		8	Santa Ynez River
V	South Lahontan	9	Mojave River
W	Colorado River	2	Needles – Colorado River
		3	Whitewater River
		5	West Salton Sea
		7	Blythe – Yuma – Colorado River
		9	Imperial Irrigation District
		2	Santa Margarita River
		4	San Dieguito River
X	San Diego	5	San Diego River
		6	Sweetwater River
		7	Otay River
		8	Tia Juana River
		1	Santa Ana River below Narrows
		2	Chino Creek
		5	Santa Ana Headwaters
Y	Santa Ana	6	Santa Ana River above Narrows
		7	San Timoteo Creek
		8	Temescal Wash–Elsinore
		9	San Jacinto River
		1	Ventura River
		2	Lower Santa Clara River
		3	Upper Santa Clara River
Z	Los Angeles	6	Los Angeles River
		7	San Gabriel River above Narrows



**Figure 5. LOCATION OF SURFACE WATER QUALITY STATIONS  
CENTRAL COASTAL BASIN**

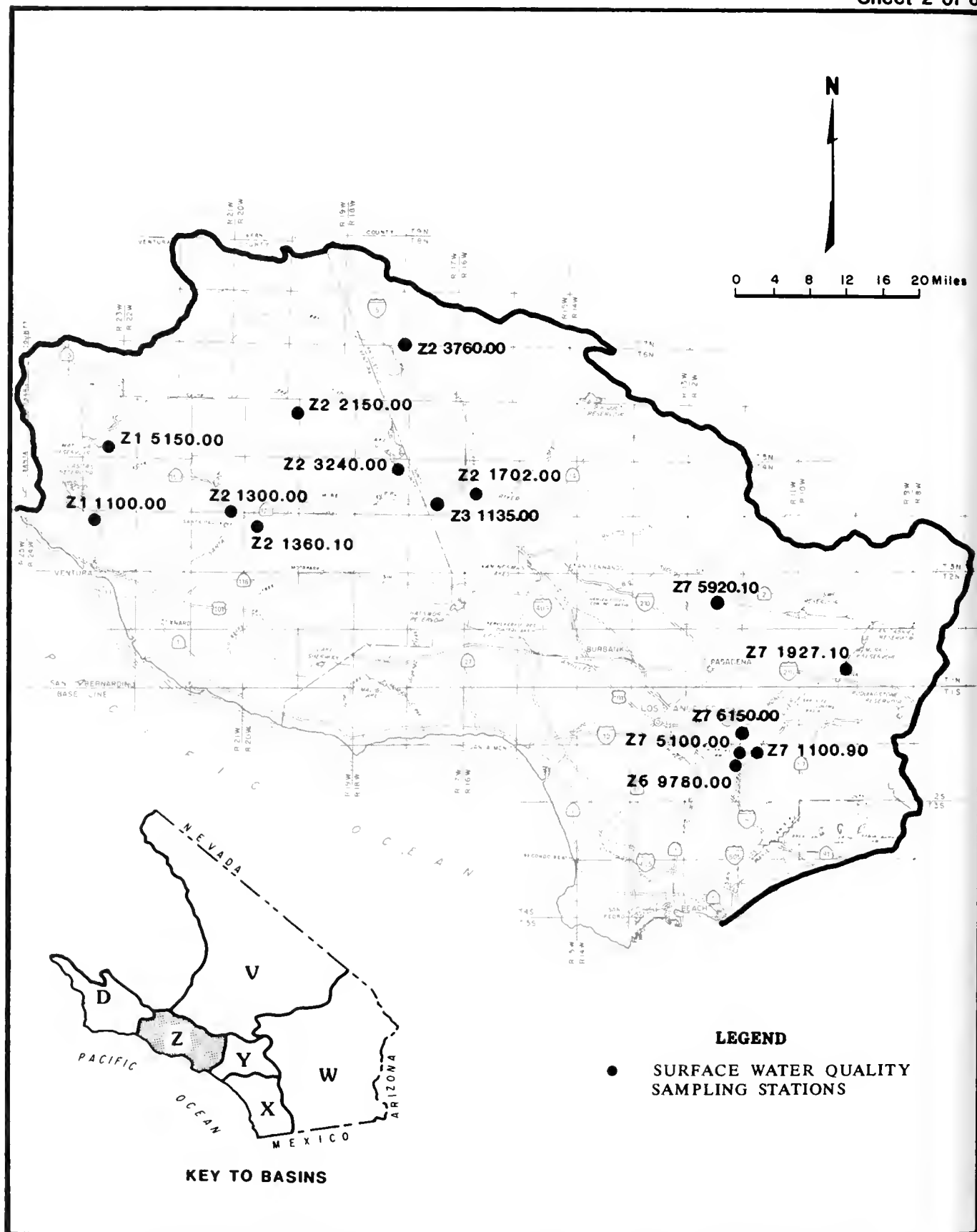


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
LOS ANGELES BASIN

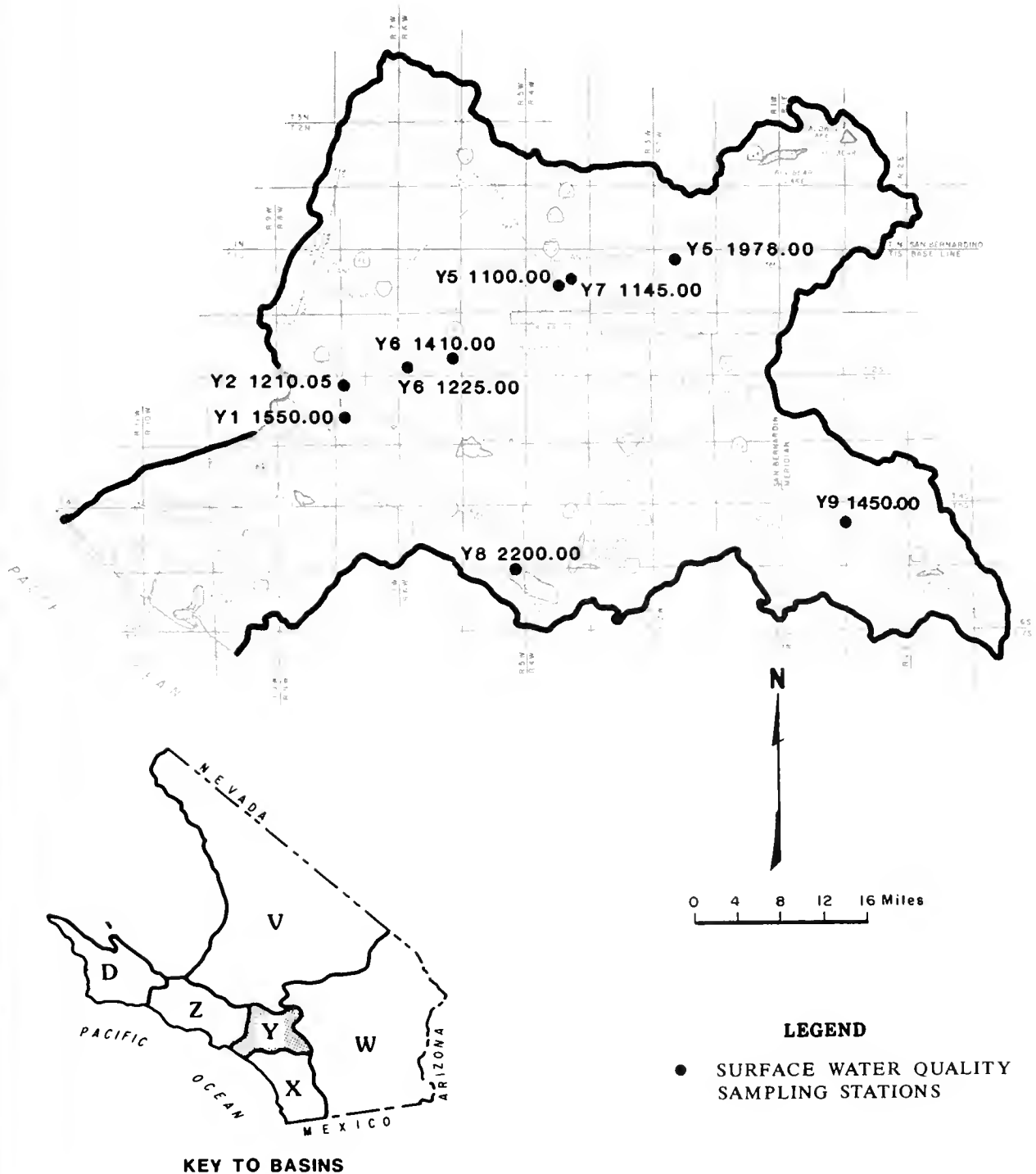
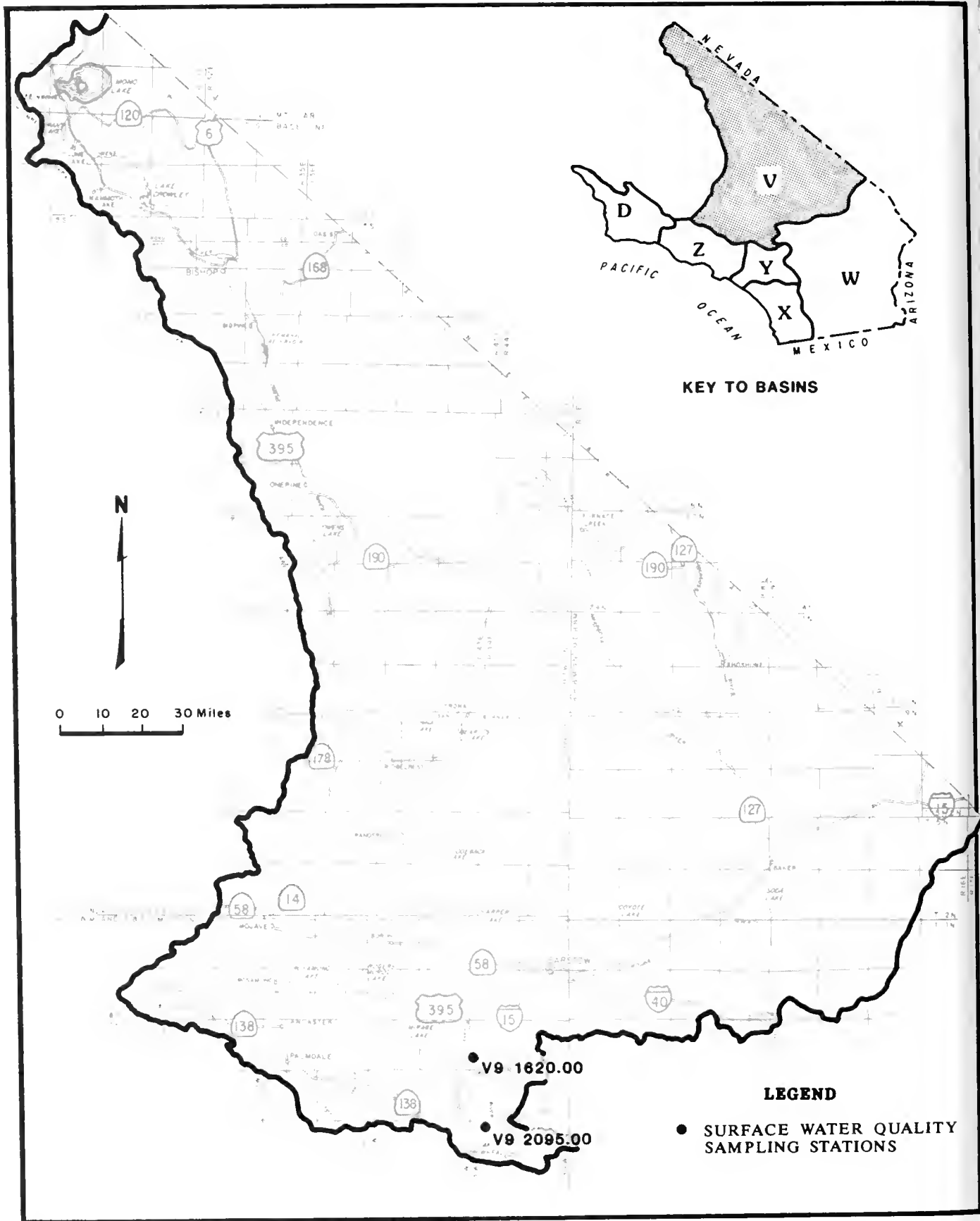
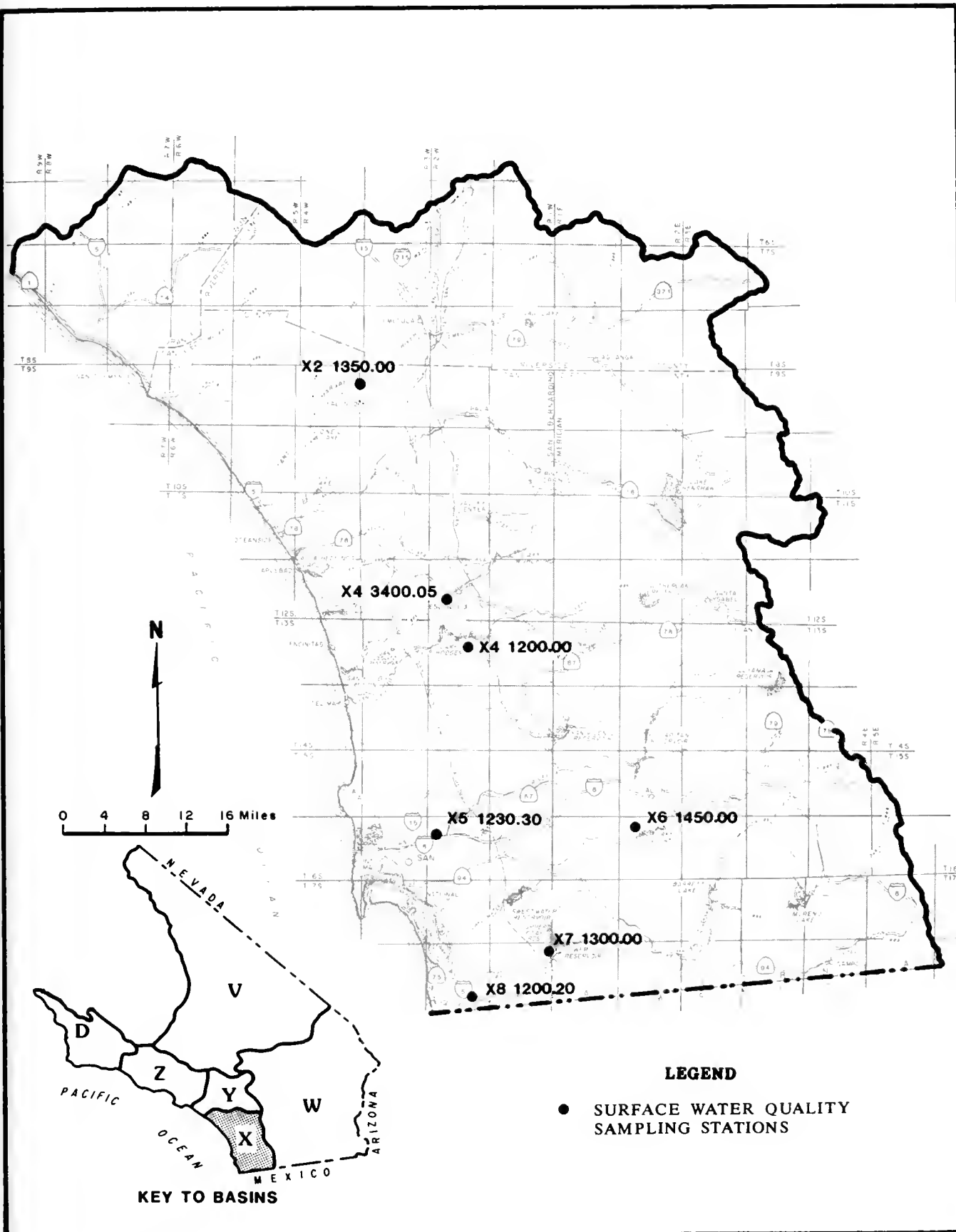


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
SANTA ANA BASIN



**Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
SOUTH LAHONTAN BASIN**





**Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
SAN DIEGO BASIN**

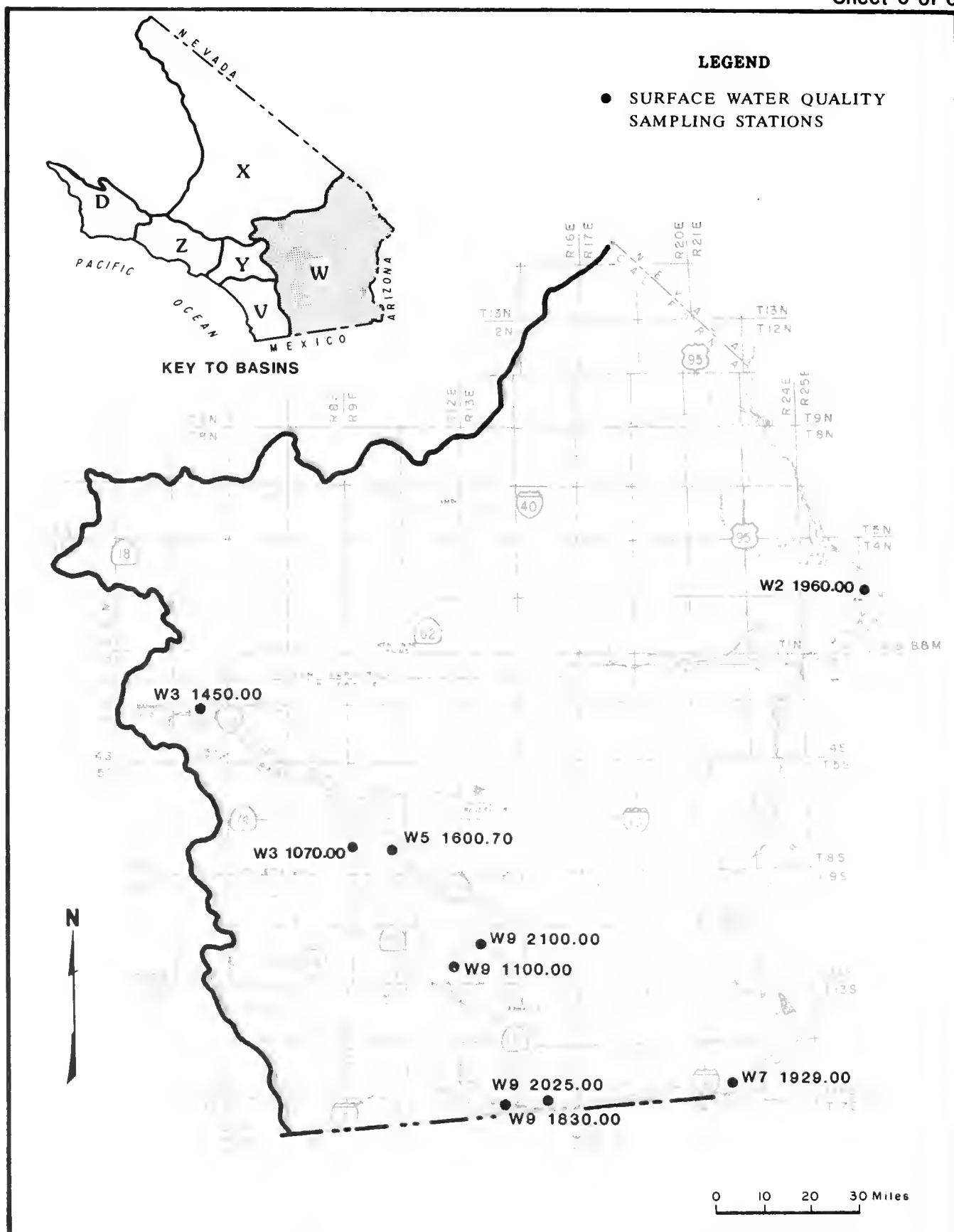


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
COLORADO RIVER BASIN

# TABLE C-1

## MINERAL ANALYSES OF SURFACE WATER

### Lab and Sampler Agency Code

4412 - Metropolitan Water District of Southern California  
 5050 - California Department of Water Resources  
 5064 - California Department of Water Resources, Castaic Lab

### Abbreviations and Constituents

TIME	- Pacific Standard Time on a 24-hour clock
G. H.	- Instantaneous gage height in feet above an established datum
Q	- Instantaneous discharge in cubic feet per second (E = Estimated)
DO	- Dissolved oxygen content in milligrams per liter
SAT	- Percent of normal dissolved oxygen saturation
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field	- Determined in the field
Laboratory	- Determined in the laboratory
pH	- Measure of acidity or alkalinity of water
EC	- Electrical conductance in microseimens at 25°C

#### Constituents:

B	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units; milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TDS	- Gravimetric determination of total dissolved solids at 180°C
SUM	- Total dissolved solids by summation of analyzed constituents minus 40 percent of analyzed constituents
TH	- Total Hardness
NCH	- Noncarbonate hardness - any excess of total hardness over total alkalinity
TURB	- Jackson Turbidity Units measured with Hellige Turbidimeter (E) or a Hach Nephelometer (A) with (F) for field determinations
SAR	- Sodium Adsorption ratio
ASAR	- Adjusted sodium adsorption ratio

(Continued on page 48)

## Abbreviations and Constituents (continued)

REM - Remarks; code letters are:

- T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.
- E - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.
- S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5$  percent.
- X - The field EC and the lab EC are not within 20 percent of each other.
- C - The electrical conductivity divided by the EC-EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.

TABLE C-1  
MINERAL ANALYSIS OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.P. Q	DO SAT	TEMP F	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM		
							CA	MG	NA	K	PERCENT CAC33	SO4 REACTANCE	CL VALUE	NO3 TURB	R SI02	F TDS	TH MCM	SAR ASA#			
*****																					
06		2100.00		SISQUOC R NR GAREY										T12BO							
02/12/85	5053		12.8	66.0F	8.0	700	95	57	56	3.9	212	305	45	9.8	.2	.5	779	471	1.1	EX	
1050	0000	.5	139	18.9C	8.0	1060	4.74	4.69	7.44	.10	4.24	6.35	1.27	.165	0.504	---	699	280	2.7		
							40	39	20	1	35	53	11	1							
06		3050.00		CUYAHUA R AL TWICHELL OH										T1200							
11/13/84	5050		9.9	57	F	7.9	1250	313	101	153	9.8	215	1140	103	1.2	.4	.9	2150	1200	1.9	EX
0700	5050	8E	97	14	C	8.0	2460	15.62	8.31	4.66	.23	4.30	23.73	2.90	.02	274	---	1949	982	5.2	C
							51	27	22	1	14	77	9	0							
01/14/85	5050		10.8	56	F	7.8	1380	213	95	188	9.6	206	903	131	.7	.4	.9	1400	922	2.7	EX
1650	5050	2E	104	13	C	8.1	2220	10.63	7.81	4.18	.22	4.12	18.80	3.69	.01	414	---	1663	717	7.0	C
							40	29	30	1	15	71	14	0							
04/15/85	5050		3.8	77	F	8.0	1850	191	96	135	7.4	233	739	111	.3	.3	.9	1590	871	2.0	E
1500	5050	2.5	107	25	C	7.9	2000	9.93	7.90	5.87	.19	4.66	15.39	3.13	.00	14	---	1420	639	5.3	
							41	34	25	1	20	66	14	0							
06		4150.00		HUASNA R NR ARROYO GRANDE										T1200							
10/30/84	5050		8.8	66	F	7.3	380	108	35	50	1.1	288	161	48	2.4	.2	.5	619	418	1.1	X
1130	0000	1E	94	19	C	8.0	922	5.39	2.95	2.18	.03	5.71	3.35	1.35	.04	24	---	578	132	2.7	
							51	28	21	0	55	32	13	0							
02/11/85	5050		10.1	14.5F	7.5	600	93	28	47	1.4	236	148	43	1.9	.2	.5	935	347	1.1	X	
1750	0000	25E	49	9.7C	8.2	832	4.64	2.30	2.04	.04	4.72	3.08	1.21	.03	14	---	504	111	2.6		
							51	25	23	0	52	34	13	0							
08		1440.00		SANTA YNE7 R A SOLVANG										T1400							
11/13/84	5050		0.79	8.6	64	F	7.8	400	---	---	---	---	287	29	---	---	---	757	469		EX
0900	5050	15E	91	18	C		1030						5.98	.82		34	---				
01/15/85	5050		0.68	11.6	54	F	8.0	350	---	---	---	---	287	33	---	---	---	794	491		EX
5050	5050	2E	109	12	C		1050						5.98	.93		34	---				
08		1555.00		CACHUMA RES NR SANTA YNE7										T1400							
11/15/84	5050		37.35	8.2	65	F	8.0	380	---	---	---	---	280	13	---	---	---	690	391		EX
1000	5050	8E	18	C			875						5.83	.37		34	---				
01/15/85	5050		37.51	10.0	55	F	8.0	340	---	---	---	---	282	13	---	---	---	627	390		EX
1210	5050	9E	13	C			865						5.87	.37		14	---				
04/16/85	5050		16.95	9.2	65	F	8.5	760	---	---	---	---	346	13	---	---	---	771	387		E
0910	5050	9E	18	C			855						7.20	.37		44	---				
07/19/85	5050		31.21	8.3	75	F	8.2	690	---	---	---	---	296	14	---	---	---	643	390		E
1005	5050	100	24	C			855						6.15	.39		34	---				
09		1620.00		MOJAVE R A LO NARS NR WICKTOWVILLE										W2880							
11/14/84	5050		3.31	9.8	93	F	7.9	200	36	9.0	39	3.4	34	24	7.5	.1	.5	266	127	1.9	X
0900	5050		99	12	C	8.2	423	1.80	.74	1.70	.09	2.76	.71	.68	.12	14	---	236	0	2.6	
							42	17	39	2	65	17	16	3							
01/08/85	5050		3.43	8.5	57	F	8.0	222	39	7.0	40	3.6	35	25	7.3	.1	.4	288	126	1.6	X
1245	5050	30E	64	14	C	8.0	425	1.95	.98	1.74	.09	2.76	.73	.71	.12	24	---	247	0	2.7	
							45	13	40	2	64	17	16	3							
04/18/85	5050		3.78	8.9	62	F	8.0	365	38	8.0	39	3.2	33	25	7.2	.1	.4	244	128	1.9	
1000	5050		160	17	C	8.1	419	1.90	.66	1.70	.08	2.84	.69	.71	.12	14	---	239	0	2.6	
							44	19	39	2	65	16	16	3							
07/18/85	5050		3.29	8.2	74	F	7.5	330	39	8.0	42	4.1	38	28	5.6	.3	.5	279	130	1.6	X
0705	5050		105	23	C	8.2	518	1.95	.95	1.83	.10	2.72	.79	.79	.09	14	---	247	0	2.8	
							43	15	40	2	62	18	18	2							
09		2095.00		MOJAVE R AL FORKS RES NR HESPERIA										W2880							
01/17/85	5050		11.2	40	F	7.6	140	25	5.0	21	1.2	90	19	12	.4	.1	.7	184	83	1.0	EX
0840	5050	4E	95	4	C	8.3	250	1.25	.41	.91	.03	1.80	.40	.34	.01	34	---	138	0	1.4	T
							48	16	35	1	71	16	13	0							
04/18/85	5050		9.4	63	F	8.0	245	22	5.0	23	1.5	82	18	20	.9	.1	.5	162	78	1.1	
1130	5050	30E	108	17	C	8.0	263	1.10	.41	1.00	.04	1.64	.37	.56	.01	14	---	140	0	1.9	
							43	16	39	2	64	14	22	0							
02		1960.00		COLDWATER R ADRI NR PARKER OH										Y1400							
10/16/84	4412																				
0000	0000																				
11/13/84	4412																				
4412	4412																				
12/11/84	4412																				
4412	4412																				
12/11/84	4412																				
4412	4412																				
01/08/85	4412																				
4412	4412																				
02/14/85	4412																				
4412	4412																				

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G. Y. Q	DO SAT	TEMP		FIELD LABORATORY PH		MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER																								
				CA	MG	NA	K	CA(Cl)	SO4	CL	NO3	TJ99	SI02	TOS SUM	TM NCH	SAR 4549	REM																						
M2 1950.00																				COLOR400 R 40U NR PARKER DM										M1400 CONTINUED									
03/12/85	4412			60.8F			78	25	80	3.7	134	244	62	1.2	--	.3	594	303	2.0																				
	4412			16.0C		929	3.89	2.10	3.48	.09	2.68	5.08	1.75	.02	--	.3	593	166	4.1																				
							43	22	36	1	28	53	18	0																									
05/07/85	4412			69.8F			77	25	78	3.3	131	241	60	1.0	--	.3	574	295	2.0																				
	4412			21.0C	8.3	893	3.84	2.06	3.39	.08	2.62	5.02	1.69	.02	--	.3	572	164	4.0																				
							41	22	36	1	28	54	18	0																									
06/04/85	4412			69.8F			76	25	78	3.8	131	235	59	1.0	--	.3	566	293	2.0																				
	0000			21.0C	8.3	889	3.79	2.06	3.39	.10	2.62	4.89	1.66	.02	--	.3	564	162	4.0																				
							41	22	36	1	29	53	18	0																									
07/11/85	4412						74	25	76	3.5	131	230	60	.9	--	.3	558	299	1.9																				
	4412					8.4	3.69	2.10	3.31	.09	2.62	4.79	1.69	.01	--	.3	557	159	3.9																				
							40	23	36	1	29	53	19	0																									
08/10/85	4412			69.8F			68	22	72	3.1	131	206	55	.8	--	.3	517	262	1.9																				
	4412			21.0C	6.3	867	3.39	1.85	3.31	.08	2.62	4.29	1.45	.01	--	.3	515	131	3.8																				
							40	22	37	1	31	51	18	0																									
08/24/85	4412						74	24	79	3.6	130	230	60	.8	--	.3	540	286	2.0																				
	4412					8.5	3.69	2.01	3.44	.09	2.60	4.79	1.69	.01	--	.3	554	155	4.1																				
							40	22	37	1	29	53	19	0																									
09/03/85	4412			77.0F			74	24	75	3.8	130	230	60	.8	--	.3	555	286	1.9																				
	4412			25.0C		881	3.69	2.01	3.26	.10	2.60	4.79	1.69	.01	--	.3	554	155	3.9																				
							41	22	36	1	29	53	19	0																									
M3 1070.00																				WHITEWATER R NR MECCA										M1901									
12/10/84	5050		8.2	63	F	7.8	1400	--	--	--	--	654	278	--	--	--	1740	510		X																			
	0840	5050	50E	134	17	C		2580	--	--	--	13.62	7.84	--	174	--																							
03/20/85	5050		9.1	72.0F	7.8	2460	--	--	--	--	--	741	274	--	--	--	1730	524																					
	1245	5050	70E	164	22.2C		2570	--	--	--	--	15.43	7.73	--	114	--																							
06/07/85	5050		7.0	95	F	8.2	2000	--	--	--	--	553	224	--	--	--	1440	495																					
	1410	5050	85E	144	29	C		2220	--	--	--	11.51	6.32	--	154	--																							
09/12/85	5050		73	F	7.8	2100	--	--	--	--	--	561	208	--	--	--	1510	504		E																			
	1000	5050	168E	23	C		2140	--	--	--	--	11.68	5.87	--	324	--																							
M3 1450.00																				WHITEWATER R & WHITEWATER										M1901									
12/10/84	5050	1.15	9.3	58	F	7.9	200	48	11	12	29	4.0	1.7	.0	.8	215	165	0.4	X																				
	1115	5055	15E	96	14	C	8.4	370	2.40	.90	.52	.11	.03	.44	--	207	3	0.8																					
								61	23	13	3	81	15	3	1																								
03/21/85	5050	1.27	8.8	67.0F	7.7	320	46	11	12	4.0	152	27	3.0	1.6	.0	.8	204	160	0.4																				
	0840	5050	17E	100	19.4C	8.3	352	2.30	.90	.52	.10	.56	.08	.03	124	--	196	8	0.8																				
							60	24	14	3	82	15	2	1																									
06/06/85	5050	1.25	9.4	66	F	8.3	340	50	11	13	4.5	32	2.0	1.2	.0	.9	213	170	0.4																				
	0945	5050	16E	95	19	C	8.4	367	2.50	.90	.57	.12	.06	.02	14	--	213	4	0.8																				
							61	22	14	3	82	16	1	0																									
09/13/85	5050	1.38	8.5	71	F	8.0	375	50	12	14	2.0	32	7.0	6.7	.0	.9	219	174	0.5																				
	0810	5050	26E	101	22	C	8.3	382	2.50	.99	.61	.05	.20	.14	--	--	222	15	0.9																				
							60	24	15	1	76	36	5	3																									
M5 1600.70																				SALTON SEA 4T SALTON SEA 5T PK										M2800									
12/13/84	5050		7.8	57	F	8.5	29M	--	--	--	--	9050	15900	--	--	--	39900	7510		EX																			
	1130	5050	118	14	C		41600	--	--	--	--	168.42448.38			74	--																							
03/20/85	5050		11.3	68.0F	9.0	42000	--	--	--	--	--	8090	15800	--	--	--	35700	7690		E																			
	1200	5050	195	20.0C		42000	--	--	--	--	--	168.43445.56			14	--																							
06/06/85	5050		17.6	88	F	8.7	47000	--	--	--	--	8970	15900	--	--	--	36000	7750		E																			
	1130	5050	373	31	C		48000	--	--	--	--	186.76448.38			2154	--																							
09/12/85	5050		4.8		8.9	47000	--	--	--	--	--	9600	16500	--	--	--	41800	7890		E																			
	0855	5050				45100	--	--	--	--	--	199.87465.30			14	--																							
M7 1920.00																				ALL AMERICAN CA 48 PILOT KNDR WY										M2340									
12/12/84	5050		9.5	58	F	7.9	405	--	--	--	--	255	56	--	--	--	650	305		X																			
	1200	5050	93	14	C		995	--	--	--	--	5.31	1.58	--	44	--																							
03/19/85	5050		9.8	62.0F	7.8	870	--	--	--	--	--	263	82	--	--	--	673	311																					
	1425	5050	101	16.7C		1000	--	--	--	--	--	5.48	2.31	--	--	--																							
06/07/85	5050		7.5	76	F	8.1	879	--	--	--	--	256	75	--	--	--	938	305		E																			
	0940	5050	90	24	C		998	--	--	--	--	5.33	2.12	--	54	--																							
09/11/85	5050		7.5	74	F	7.9	820	--	--	--	--	248	74	--	--	--	645	297																					
	1130	5050	88	23	C		974	--	--	--	--	5.12	2.09	--	44	--																							

MINERAL ANALYSES OF SURFACE WATER

51

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G-4, Q	DO SAT	TEMP		FIELD		MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REMARKS		
				PH	EC	PERCENT REACTANCE VALUE				PERCENT REACTANCE VALUE				PERCENT REACTANCE VALUE								
						CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SIO2	TDS SUM	TH MCM	SAR ASAR				
*****																						
Y5		1230.30	SAN DIEGO R A OLO MISSION DM										70742									
12/11/84	5050		8.4	57	F	7.5	290	--	--	--	--	--	84	84	--	--	--	249	152	X		
0900	5050	400E	82	14	C		599						1.79	2.37	--	2724	--					
03/18/85	5050		11.1	63.0F		8.0	1800	--	--	--	--	--	317	352	--	--	--	1290	334			
1450	5050	7E	116	17.2C			1950						6.60	9.93	--							
06/04/85	5050		9.0	76	F	8.0	2300	--	--	--	--	--	362	479	--	--	--	1500	649			
1605	5050	10E	104	24	C		2440						7.34	13.51	--	44	--					
09/10/85	5050		7.3	71	F	7.8	1900	--	--	--	--	--	403	619	--	--	--	1940	799	X		
1200	5050	3E	83	22	C		2930						8.39	17.43	--	44	--					
Y6		1450.00	SWEETWATER R A LOWEL OM HR ALPINE										209R1									
02/19/85	5050		11.9	62.0F		8.0	400	38	16	43	2.6	140	36	56	.2	.1	.3	280	161	1.5	X	
1430	0000		127	16.7C		8.3	504	1.90	1.32	1.87	.07	2.80	.75	1.58	.00	34	--	276	21	2.7		
								37	26	36	1	53	15	31	0							
Y7		1330.00	OTAY R A SAVAGE OM										71080									
10/31/84	5050		5.8	75	F	7.4	300	34	16	60	3.9	118	39	74	2.6	.1	.4	379	151	2.1	X	
0000			69	24	C	8.1	575	1.70	1.32	2.61	.10	2.76	.81	2.09	.04	14	--	312	13	3.8		
								30	23	46	2	48	14	37	1							
10/31/84	5050		5.8	75	F	7.4	300	34	16	60	3.9	118	39	74	2.6	.1	.4	379	151	2.1	X	
0930	5050		69	24	C	8.1	575	1.70	1.32	2.61	.10	2.76	.81	2.09	.04	14	--	312	13	3.8		
								30	23	46	2	48	14	37	1							
02/20/85	5050		12.5	59.0F		8.0	470	35	17	60	3.6	141	39	76	1.6	.1	.3	347	158	2.1	X	
1033	0000		125	15.0C		8.3	592	1.75	1.40	2.61	.09	2.82	.81	2.14	.03	14	--	317	17	3.8		
								30	24	45	2	49	14	37	1							
Y8		1200.20	TTA JIHANA R A INT BOUNDARY										21141									
10/31/84	5050		3.1	70	F	7.6	1350	119	52	385	12	489	182	435	46.2	.6	.5	1590	510	7.4	X	
0900	0000	1E	33	21	C	7.8	2580	5.94	4.28	16.75	.33	9.75	3.79	12.83	.75	34	--	1445	24	20.2		
								22	16	61	1	36	14	47	1							
02/20/85	5050		6.6	62.0F		7.8	830	68	33	172	7.4	254	89	236	5.0	.3	.4	781	305	4.3	X	
1215	0000	3E	68	16.7C		7.9	1360	3.39	2.71	7.48	.24	5.07	1.85	6.66	.08	44	--	745	52	9.8		
								25	20	54	2	37	14	49	1							
Y1		1550.00	SANTA ANA R BL PRAHO OM										Y0143									
10/25/84	5050		2.70	8.6	66	F	7.7	450	106	23	105	10	235	165	118	37.0	.4	.8	728	368	2.4	X
1930	5050		160	93	19	C	8.0	1150	5.29	2.86	4.57	.28	4.70	3.44	3.13	.60	154	--	704	133	5.6	
									43	17	37	2	39	29	28	5						
11/08/84	5050		7.8	63	F	7.7	380	84	20	81	15	170	140	92	44.0	.3	.7	613	292	2.1	X	
1700	5050		82	17	C	7.6	955	4.19	1.64	3.52	.38	3.40	2.91	2.59	.71	814	--	574	122	4.4		
								43	17	36	4	35	30	27	7							
12/16/84	5050		3.62	9.7	50	F	7.8	358	79	19	76	9.6	176	131	78	27.0	.3	.6	560	275	2.0	Y
1400	5050		416	87	10	C	7.9	871	3.94	1.56	3.31	.25	3.52	2.73	2.20	.44	74	--	523	99	4.2	
								43	17	37	3	40	31	25	5							
01/10/85	5050		3.41	9.4	56	F	7.4	365	90	20	80	13	198	135	87	14.0	.3	.6	636	306	2.0	Y
0900	5050	310E	91	13	C	7.6	960	4.49	1.64	3.48	.33	3.96	2.81	2.45	.55	134	--	578	109	4.4		
								45	16	35	1	41	29	25	6							
02/14/85	5050		3.68	11.2	60	F	7.7	650	87	20	70	10	186	129	81	24.0	.3	.6	597	299	1.8	Y
0830	5050		511	114	16	C	7.9	899	4.34	1.64	3.05	.26	3.72	2.69	2.28	.39	34	--	533	113	3.9	
								47	18	33	3	41	30	25	4							
03/25/85	5050		3.38	9.8	58.0F		915	103	23	87	9.3	214	159	99	38.0	.3	.7	640	352	2.0		
0930	5050		272	97	14.4C		1030	5.14	1.89	3.78	.24	4.28	3.31	2.79	.61	34	--	647	138	4.6		
								47	17	34	2	39	30	25	6							
04/19/85	5050		2.99	8.7	63	F	7.8	940	104	25	96	12	226	160	109	50.0	.5	.8	735	362	2.2	
1000	5050		241	91	17	C	7.8	1110	5.19	2.06	4.18	.31	4.52	3.33	3.07	.81	174	--	692	137	5.1	
								44	18	36	3	39	28	26	7							
05/11/85	5050		2.94	9.0	62	F	7.5	950	101	23	94	10	214	155	104	30.0	.3	.7	726	346	2.2	
0830	5050		226	93	17	C	7.8	1070	5.04	1.89	4.09	.26	4.28	3.23	2.93	.61	154	--	654	133	5.0	
								45	17	36	2	39	29	27	5							
06/11/85	5050		2.76	7.8	64	F	8.0	940	101	24	99	7.0	221	164	108	30.0	.4	.7	918	350	2.3	E
0825	5050		274	87	20	C	8.1	1090	5.04	1.97	4.31	.23	4.42	3.41	3.05	.48	244	--	668	110	5.3	T
								44	17	37	2	39	30	27	4							
07/24/85	5050		2.68	8.5	74	F	7.0	940	98	24	100	5.8	210	160	111	32.0	.4	.7	714	343	2.3	
0405	5050		143	100	23	C	7.9	1090	4.89	1.97	4.35	.73	4.20	3.33	3.13	.52	244	--	660	133	5.4	
								43	17	38	2	38	30	28	5							
08/15/85	5050		2.51	7.8	66	F	7.3	775	65	44	100	9.3	210	159	111	15.0	.2	.7	713	343	2.3	X
0800	5050		129	85	19	C	7.9	1060	3.24	3.62	4.35	.24	4.20	3.31	3.13	.56	234	--	649	133	5.4	
								24	32	38	2	38	30	28	5							
09/17/85	5050		2.70	8.6	67	F	7.3	950	96	22	96	15	208	150	108	37.0	.3	.7	651	330	2.3	
0915	5050		148	94	19	C	7.8	1070	4.79	1.81	4.18	.18	4.16	3.12	3.05	.60	424	--	640	122	5.2	
								43	16	37	3	39	29	28	5							
Y2		1210.05	CHINO C HR CHIND										Y0143									
10/08/84	5050		5.6	69	F	7.0	270	--	--	--	--	--	83	47	--	--	--	392	150		EX	
1600	5050	10E	62	20	C		559						1.73	1.33	--	54	--					
01/10/85	5050		7.7	62	F	7.3	340	--	--	--	--	--	136	86	--	--	--	594	251		Y	
0815	5050	5E	70	17	C		931						2.83	2.43	--	34	--					
04/19/85	5050		7.0	68	F	7.2	880	--	--	--	--	--	170	106	--	--	--	704	259			
1025	5050	10E	78	23	C		1010						3.54	2.99	--	14	--					



TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q	NO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REMARKS		
							CA	MG	NA	K	CACO3	PERCENT REACTANCE	504	CL	NO3	TURB	5102	105 SUM		TH NCM	SAR ASAR
*****											*****										
Y2 1210.05											Y0143 CONTINUED										
07/24/85	5050		7.0	76	F	7.0	900	--	--	--	--	152	116	--	--	--	654	227			
0715	5050	5E	85	24	C		993					3.16	3.27		0A	--					
Y5 1100.00											Y01E2										
10/26/84	5050		7.9	73	F	7.3	390	102	23	82	11	132	218	80	77.5	.4	1.2	686	349	1.9	X
0800	5050	70E	94	23	C	7.0	1050	5.09	1.89	3.57	.29	2.64	4.54	2.26	1.25	24	--	673	217	4.0	
								47	1.7	33	3	25	42	21	12						
11/09/84	5050		8.1	75	F	7.2	390	92	19	76	13	139	185	72	83.2	.4	1.4	633	308	1.9	X
0930	5050	20E	99	24	C	7.8	998	4.59	1.56	3.31	.35	2.78	3.85	2.03	1.02	24	--	605	169	3.9	
								47	1.6	34	4	29	40	21	11						
12/16/84	5050		7.5	66	F	7.5	470	108	27	81	12	150	265	65	71.0	.4	1.0	826	380	1.8	EX
0900	5050	73E	83	19	C	7.4	1140	5.39	2.22	3.52	.31	3.00	5.52	1.83	1.15	54	--	720	231	3.9	
								47	1.9	31	3	26	48	16	10						
01/10/85	5050		9.0	67	F	7.4	390	94	19	63	9.4	197	187	51	11.0	.3	.8	582	312	1.6	X
1445	5050	75	101	19	C	7.4	953	4.69	1.56	2.74	.21	3.94	3.99	1.44	.18	44	--	552	116	3.5	
								51	1.7	30	2	42	41	15	2						
02/14/85	5050		9.0	68	F	7.3	610	92	19	62	7.0	156	183	52	39.7	.3	1.0	618	308	1.5	X
1115	5050	60E	102	20	C	7.5	890	4.59	1.56	2.70	.23	3.12	3.81	1.47	.64	24	--	551	152	3.3	
								51	1.7	30	3	35	42	16	7						
03/25/85	5050		5.8	69.0F	7.7	810	93	18	65	10	184	193	52	9.0	.3	.7	555	306	1.6		
1150	5050	42E	101	20.5C	7.7	866	4.84	1.68	2.83	.26	3.68	4.02	1.47	.15	14	--	551	122	3.5		
								50	1.6	31	3	39	43	16	2						
04/18/85	5050		9.1	71	F	7.3	850	94	20	66	11	126	200	50	63.2	.3	1.4	624	316	1.6	
1510	5050	35E	95	22	C	7.3	939	4.69	1.64	2.87	.29	2.52	4.16	1.69	1.02	14	--	590	191	3.3	
								49	1.7	30	3	27	44	18	11						
05/13/85	5050		7.4	75	F	7.7	820	87	18	72	12	220	180	55	7.0	.3	.8	633	291	1.8	
1100	5050	32E	90	24	C	7.7	966	4.34	1.48	3.13	.31	4.40	3.75	1.55	.11	24	--	563	71	4.1	
								47	1.6	34	3	45	38	16	1						
05/11/55	5050		5.2	79	F	7.5	900	84	24	86	14	185	176	68	60.1	.4	1.2	681	308	2.1	
1045	5050	35E	104	26	C	7.0	993	4.19	1.57	3.74	.36	3.70	3.66	1.92	.97	54	--	623	123	4.7	
								41	1.9	36	4	36	36	19	9						
07/24/85	5050		9.5	84	F	7.0	830	83	23	81	12	182	175	67	44.0	.4	1.0	636	302	2.0	
1205	5050	30E	126	29	C	7.1	987	4.14	1.89	3.52	.32	3.64	3.64	1.89	.71	14	--	595	120	4.4	
								42	1.9	36	3	37	37	19	7						
08/15/85	5050		7.6	83	F	7.2	820	74	22	81	13	140	164	71	59.0	.3	1.0	612	273	2.1	
1030	5050	25E	100	28	C	6.9	892	3.69	1.81	3.52	.33	2.80	3.41	2.00	.95	24	--	568	135	4.3	
								39	1.9	38	4	31	37	22	10						
09/17/85	5050		9.4	84	F	7.3	850	80	18	86	13	160	165	72	44.0	.4	.9	609	274	2.3	
1145	5050	60E	112	29	C	6.9	940	3.99	1.68	3.74	.33	3.20	3.44	2.03	.71	24	--	574	114	4.7	
								42	1.6	39	3	34	37	22	8						
Y5 1978.00											Y01E7										
10/26/84	5050		8.2	49	F	8.4	150	--	--	--	--	--	12	6.0	--	--	--	165	94		X
0700	5050	30E	76	9	C		246						.25	.17		14	--				
11/09/84	5050		10.5	48	F	7.9	140	--	--	--	--	--	13	6.0	--	--	--	142	93		X
0745	5050	40E	96	9	C		249						.27	.17		44	--				
12/10/84	5050		11.0	49	F	7.8	140	--	--	--	--	--	13	5.0	--	--	--	134	92		X
1330	5050	27	102	9	C		236						.27	.14		14	--				
01/10/85	5050		12.5	50	F	7.7	145	--	--	--	--	--	19	6.0	--	--	--	177	91		EX
1600	5050	60E	118	10	C		250						.40	.17		24	--				
02/14/85	5050		11.2	52.0F	7.8	195	--	--	--	--	--	--	12	6.0	--	--	--	145	88		
1240	5050	28	108	11.1C		230							.25	.17		--	--				
03/25/85	5050		11.2	50.0F	7.4	195	--	--	--	--	--	--	20	5.0	--	--	--	171	85		E
1320	5050	33	106	10.0C		222							.42	.14		14	--				
04/18/85	5050		10.2	50	F	8.4	190	--	--	--	--	--	28	5.0	--	--	--	145	83		
1420	5050	25	96	10	C		215						.58	.14		24	--				
05/13/85	5050		10.4	55	F	8.0	220	--	--	--	--	--	29	4.0	--	--	--	194	87		E
1300	5050	29	104	13	C		229						.60	.11		24	--				
06/11/85	5050		9.2	63	F	8.2	210	--	--	--	--	--	4.0	6.0	--	--	--	175	93		E
1130	5050	26	102	17	C		245						.08	.17		34	--				
07/18/85	5050		9.0	65	F	7.9	210	--	--	--	--	--	13	5.0	--	--	--	162	89		
1215	5050	22	102	18	C		242						.27	.14		14	--				
08/15/85	5050		9.2	63	F	7.8	180	--	--	--	--	--	13	6.0	--	--	--	145	92		EX
1120	5050	21	102	17	C		248						.27	.17		14	--				
09/17/85	5050		9.4	59	F	7.5	230	--	--	--	--	--	15	9.0	--	--	--	194	91		E
1230	5050	25	99	15	C		247						.31	.23		14	--				

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.P. O	DO SAT	TEMP	FIFD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				SAR	REM
							CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SiO2	TDS SIM	TH MCM	ASAP	
*****																				
Y6		1225.00				SANTA ANA R A HAMMER 4V NR CORONA					Y0185									
11/09/84	5050											160	133	--	--	--	758	389		X
1200	5050	80E	6.4	64	F	7.4	450	--	--	--	--	3.33	3.75	--	14	--				
			68	18	C		1200													
01/10/85	5050		7.6	58	F	7.4	400	--	--	--	--	156	116	--	--	--	677	364		X
1100	5050	203E	75	14	C		1100					3.25	3.27	--	34	--				
04/19/85	5050		7.8	63	F	7.8	1000	--	--	--	--	168	126	--	--	--	762	387		
0915	5050	45E	82	17	C		1160					3.50	3.55	--	34	--				
07/24/85	5050		7.8	74	F	7.3	800	--	--	--	--	148	89	--	--	--	656	306		
1000	5050	65E	92	23	C		956					3.08	2.51	--	34	--				
Y6		1410.00				SANTA ANA R A MWO XING NR ARLIN					Y0186									
10/25/84	5050		8.0	67	F	7.9	420	--	--	--	--	158	82	--	--	--	703	376		X
1700	5050	73E	88	19	C		1070					3.29	2.31	--	134	--				
11/09/84	5050		8.2	66	F	8.0	390	--	--	--	--	149	79	--	--	--	665	364		X
1100	5050	60E	90	19	C		1020					3.10	2.23	--	54	--				
12/16/84	5050		8.2	58	F	8.0	380	--	--	--	--	167	64	--	--	--	624	176		X
1100	5050	80E	82	14	C		942					3.48	1.80	--	144	--				
01/10/85	5050		8.1	63	F	7.3	365	--	--	--	--	163	56	--	--	--	596	332		X
1220	5050	123E	86	17	C		894					3.39	1.58	--	274	--				
02/14/85	5050		12.0	61	F	7.7	630	--	--	--	--	168	64	--	--	--	612	346		X
1000	5050	70E	124	16	C		924					3.50	1.80	--	--	--				
03/25/85	5050		7.5	66.0F	F	7.8	870	--	--	--	--	150	74	--	--	--	703	364		
1045	5050	45E	82	18.9C			1010					3.12	2.09	--	14	--				
04/19/85	5050		7.8	63	F	7.7	850	--	--	--	--	168	79	--	--	--	717	374		E
0830	5050	43E	82	17	C		1020					3.50	2.23	--	44	--				
05/13/85	5050		7.4	69	F	8.0	930	--	--	--	--	167	82	--	--	--	648	380		
1000	5050	25E	84	21	C		1060					3.48	2.31	--	24	--				
06/11/85	5050		6.4	76	F	8.0	900	--	--	--	--	163	84	--	--	--	688	375		
0940	5050	110E	78	24	C		1090					3.39	2.37	--	24	--				
07/24/85	5050		9.4	75	F	7.2	900	--	--	--	--	156	83	--	--	--	684	367		
1100	5050	90E	113	24	C		1020					3.25	2.34	--	44	--				
08/15/85	5050		6.6	73	F	7.8	750	--	--	--	--	153	84	--	--	--	674	357		Y
0930	5050	45E	78	23	C		1000					3.19	2.37	--	34	--				
09/17/85	5050		5.8	72	F	7.4	850	--	--	--	--	148	86	--	--	--	652	353		
1045	5050	45E	68	22	C		1010					3.08	2.43	--	14	--				
Y7		1145.00				SAN TIMOTEO C MT AV NR SAN BERNAR					Y01E2									
11/09/84	5050		10.1	56	F	7.9	210	--	--	--	--	37	22	--	--	--	259	140		X
0845	5050	2E	99	13	C		429					.77	.62	--	14	--				
01/10/85	5050		5.7	59	F	7.3	350	--	--	--	--	67	32	--	--	--	398	211		Y
1400	5050	2.0	58	15	C		671					1.39	.90	--	24	--				
04/18/85	5050		10.1	60	F	8.5	465	--	--	--	--	46	31	--	--	--	324	122		
1500	5050	1E	104	16	C		524					.96	.87	--	34	--				
07/18/85	5050		8.5	85	F	8.3	480	--	--	--	--	67	38	--	--	--	355	153		
1300	5050	5E	114	29	C		577					1.39	1.07	--	34	--				
Y8		2230.00				ELSINORE LK A ELSINORE					Y02C1									
12/11/84	5050	49.88	12.8	62	F	9.1	880	--	--	--	--	104	225	--	--	--	775	125		X
1500	5050		136	17	C		1380					2.17	6.35	--	94	--				
03/18/85	5050		10.7	60.0F	F	9.0	1200	--	--	--	--	110	232	--	--	--	810	125		
0940	5050		111	15.5C			1340					2.29	6.54	--	--	--				
06/04/85	5050	24.9	7.5	70	F	9.0	1310	--	--	--	--	110	247	--	--	--	891	126		
0905	5050		87	21	C		1440					2.29	6.97	--	84	--				
09/09/85	5050		7.2	74	F	9.3	1400	--	--	--	--	118	279	--	--	--	938	126		
0900	5050	1247	112	23	C		1560					2.45	7.87	--	94	--				

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER L&R	G.H. Q	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM	
						CA	MG	NA	K	CaCO3	SO4	CL	NO3	TJ48	SI02	TOS SIM	TN NCH	SAR ASAR		
Y9 1450.00 SAN JACINTO R NR SAN JACINTO Y02B1																				
02/13/85 1200	5050 0003		10.5 105	60 16	F 7.5 C 8.0	170 182	16 .80 44	2.0 .16 9	18 .78 43	2.4 .06 3	68 1.36 74	5.0 .10 5	13 .37 20	.0 .00 0	.1 34	.2 --	147 97	48 0	1.1 1.2	E T
71 1100.00 VENTURA R NR VENTURA U0290																				
01/15/85 1340	5050 5050	2.19 2E	11.3 112	59 15	F 8.0 C	410 1040	--	--	--	--	--	268 5.60	50 1.41	--	-- 34	--	744	450		EX
04/16/85 1215	5050 5050	2.01 4E	8.5 90	64 18	F 7.5 C	850 959	--	--	--	--	--	291 5.23	40 1.13	--	-- 14	--	719	427		E
71 5150.00 MATILIJ4 C & MATILIJ4 HOT SPR U0280																				
11/15/84 1500	5050 5050		9.8 99	60 16	F 8.0 C 8.0	400 834	98 4.89 51	31 2.55 27	48 2.09 22	3.4 .09 1	185 3.70 39	225 4.68 49	41 1.16 12	.4 .01 0	2.2 04	.7 --	594 560	372 187	1.1 2.5	EX
01/15/85 1410	5050 5053		11.0 98	50 10	F 7.9 C 8.0	360 888	102 1.09 54	27 2.22 24	46 2.00 21	2.6 .07 1	168 3.36 36	245 5.10 54	32 .90 10	.3 .00 0	1.0 04	.7 --	619 557	366 198	1.0 2.3	Y
04/16/85 0855	5050 5053		13.0 101	60 15	F 8.0 C 8.2	650 762	100 4.99 58	28 2.30 27	31 1.35 16	.8 .02 0	178 3.56 41	224 4.66 54	14 .39 5	1.1 .02 0	.2 04	.6 --	531 406	364 187	0.7 1.6	
04/16/85 1115	5050 5050		8.9 95	65 18	F 8.0 C 8.2	790 915	116 5.79 56	29 2.38 23	50 2.18 21	2.5 .06 1	202 4.04 39	257 5.35 52	32 .90 9	.0 .00 0	.9 04	.8 --	606 609	409 207	1.1 2.9	
07/16/85 1105	5050 5050		8.0 100	80 27	F 7.9 C 8.2	670 812	88 4.19 50	25 2.06 23	54 2.35 27	2.5 .06 1	174 3.48 39	214 4.46 50	35 .99 11	.4 .01 0	.8 14	.9 --	559 524	322 149	1.3 2.9	
72 1300.00 SANTA PAULA C NR SANTA PAULA U0381																				
11/16/84 0730	5050 5050		10.0 98	57 14	F 8.0 C	400 1020	--	--	--	--	--	258 5.37	44 1.24	--	-- 34	--	741	410		EX
01/16/85 0815	5050 5050		10.2 91	50 10	F 8.0 C	330 798	--	--	--	--	--	207 4.31	27 .76	--	-- 14	--	949	323		Y
04/17/85 0800	5050 5050		10.5 108	60 16	F 7.8 C	760 857	--	--	--	--	--	206 4.29	37 1.04	--	-- 04	--	592	346		
07/16/85 1155	5050 5050		9.4 110	73 23	F 7.9 C	910 1030	--	--	--	--	--	229 4.77	73 2.06	--	-- 34	--	704	320		
72 1350.10 SANTA CLARA R NR SANTA PAULA U03C1																				
11/16/84 0830	5053 5050		9.7 98	60 15	F 7.9 C 8.1	700 1380	158 7.88 45	57 4.69 27	112 4.87 28	6.2 .16 1	213 4.26 29	533 11.10 64	62 1.75 10	11.0 .18 1	2.3 374	.9 --	1180 1069	628 416	1.9 4.9	EX C
01/16/85 0915	5050 5050		10.2 97	55 13	F 7.8 C 8.1	880 1450	150 7.49 45	54 4.44 27	102 4.44 27	4.8 .12 1	205 4.10 25	510 10.62 65	51 1.44 9	10.1 .16 1	.8 34	1.0 --	1110 1006	596 392	1.8 4.9	EX Y
04/17/85 0845	5053 5050		13.0 139	65 18	F 7.8 C 8.2	1300 1670	178 8.88 48	52 4.28 23	117 5.09 28	5.4 .14 1	235 4.70 26	581 12.10 66	54 1.52 8	7.0 .11 1	.8 04	1.0 --	1220 1136	658 423	2.0 5.1	E
07/16/85 1110	5050 5050		9.0 103	72 22	F 7.8 C 8.1	1300 1740	197 9.83 46	69 5.67 27	130 5.86 27	6.8 .17 1	262 5.23 25	664 13.82 66	59 1.86 8	11.0 .18 1	.8 14	1.0 --	1420 1295	775 514	2.0 5.4	EX C S
72 1702.30 SANTA CLARA R & HWY 99 U03E0																				
11/16/84 1400	5050 5050		8.9 97	65 19	F 7.9 C 8.4	720 1150	101 5.04 40	32 2.63 21	106 4.61 37	7.2 .18 1	263 5.25 42	210 4.37 35	76 2.14 17	37.0 .60 5	2.4 154	.6 --	748 729	384 121	2.4 5.7	Y
01/16/85 1403	5053 5050		8.8 95	64 18	F 7.4 C 8.4	790 1150	106 5.29 42	32 2.63 21	106 4.61 36	5.6 .14 1	259 5.17 41	228 4.75 38	74 2.09 17	34.0 .55 4	.9 144	.6 --	798 742	396 138	2.1 5.6	Y
04/17/85 1120	5050 5053		8.0 92	70 21	F 7.8 C 7.8	970 1100	95 4.74 40	27 2.72 19	106 4.61 39	6.2 .16 1	261 5.21 45	190 3.96 34	72 2.03 18	23.0 .37 3	.9 244	.8 --	729 677	348 88	2.5 5.9	
07/17/85 1110	5050 5053		7.5 101	85 29	F 7.6 C 7.7	1000 1130	89 4.44 39	28 2.30 20	102 4.44 39	8.0 .20 2	254 5.07 44	190 3.75 33	85 2.40 21	16.0 .26 2	1.0 54	.6 --	726 661	337 84	2.4 5.7	
77 2150.00 SESPE C NR FILLMORE U03C1																				
11/16/84 1000	5053 5050		11.5 103	57 14	F 7.9 C	800 1380	--	--	--	--	--	327 6.81	163 4.60	--	-- 144	--	952	438		Y
11/16/85 1133	5053 5053		11.8 108	51 11	F 7.8 C	630 1010	--	--	--	--	--	295 6.14	50 1.41	--	-- 14	--	718	408		EX
04/17/85 0920	5050 5053		11.5 124	65 18	F 8.4 C	875 995	--	--	--	--	--	288 5.00	64 1.89	--	-- 34	--	692	362		
07/17/85 0800	5053 5050		13.2 173	84 29	F 8.3 C	1010 1130	--	--	--	--	--	358 7.45	86 2.43	--	-- 14	--	800	397		E

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G.P.O. O	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM	
						CA	MG	NA	K	CACO3	504	CL	NO3	TURB	SI02	TDS SUM	TH NCH	SAR ASAR			
72 3240.00 PIRU C BL SANTA FELICIA DM U0301																					
11/16/84 1200	5050 5050		10.4 112	64 14	F C	8.0 8.3	390 922	105 5.24 46	39 3.21 28	62 2.70 24	4.6 .12 1	178 3.56 32	325 6.77 61	27 .76 7	.2 .00 0	.6 3A	.5 --	711 670	422 245	1.3 3.0	EX C
01/16/85 1245	5050 5050		11.2 106	53 12	F C	7.8 8.0	1200 1970	166 8.28 35	86 7.07 30	180 7.83 33	7.8 .20 1	224 4.48 19	825 17.18 74	58 1.84 7	.3 .00 0	1.0 2A	1.3 --	1610 1454	768 544	2.8 7.3	EX
04/17/85 1010	5053 5050	1.47 47	11.5 115	58 14	F C	8.5 8.4	750 940	98 4.89 47	40 3.29 32	47 2.04 20	4.5 .12 1	158 3.14 31	308 6.41 62	27 .76 7	.3 .00 0	.6 3A	.9 --	674 620	409 251	1.0 2.3	EX
07/17/85 0900	5050 5050	1.57 7.5	11.8 121	60 16	F C	8.2 8.3	780 944	101 5.04 47	38 3.13 29	56 2.44 23	4.7 .12 1	165 3.30 31	315 6.56 62	27 .76 7	.7 .01 0	.5 3A	.8 --	696 642	408 244	1.2 2.7	E
72 3760.00 PIRU C RELEASE FROM PYRAMIO DM U0302																					
10/18/84 0830	5050 5064		65.7F 18.7C	8.3 8.0		325 437	36 1.80 41	14 1.15 26	32 1.39 32	2.7 .07 2	90 1.80 41	91 1.89 43	24 .68 15	1.3 .02 0	.4 1A	.4 --	253 254	148 58	1.1 1.9	Y	
11/15/84 1015	5053 5064		9.9 108	61.0F 16.1C	8.2 8.2	430 452	36 1.80 40	14 1.15 25	34 1.48 33	3.3 .08 2	90 1.80 40	91 1.89 42	26 .73 16	1.9 .03 1	.4 2A	.4 12.3	270 273	148 58	1.2 2.0		
12/28/84 1350	5050 5064		11.0 107	51.6F 10.9C	7.9 7.7	381 396	30 1.50 39	11 .90 23	32 1.39 36	3.1 .08 2	84 1.68 43	66 1.37 35	28 .79 20	2.7 .04 1	.3 1A	.3 --	260 223	120 36	1.3 1.9		
01/17/85 1100	5050 5064		11.2 106	49.6F 9.8C	8.6 8.2	400 384	29 1.45 39	10 .82 22	32 1.39 37	2.6 .07 2	79 1.58 43	61 1.27 35	28 .79 21	2.4 .04 1	.3 2A	.2 --	240 213	114 35	1.3 1.9		
02/21/85 1100	5053 5064		10.9 103	49.3F 9.6C	8.0 8.0	400 406	28 1.40 36	11 .90 23	35 1.52 39	1.2 .08 2	78 1.56 40	62 1.29 33	34 .96 25	4.1 .07 2	.3 2A	.2 --	220 224	115 37	1.4 2.1		
03/21/85 1115	5053 5064		11.3 107	49.5F 9.7C	8.0 7.4	395 404	24 1.20 31	11 1.07 28	35 1.52 39	2.7 .07 2	78 1.56 40	63 1.31 34	34 .96 25	1.7 .03 1	.3 1A	.2 --	242 220	114 36	1.4 2.1		
04/16/85 1130	5050 5064		10.4 100	50.5F 10.3C	7.6 7.8	450 423	27 1.15 33	12 .99 24	38 1.65 41	1.0 .08 2	77 1.54 38	63 1.31 33	39 1.10 27	3.9 .06 1	.3 1A	.2 --	243 232	117 40	1.5 2.2		
05/16/85 1100	5053 5064		9.9 99	54.0F 12.2C	7.8 8.0	400 416	27 1.35 33	12 .99 24	39 1.70 41	2.6 .07 2	78 1.58 39	59 1.21 30	43 1.21 30	4.1 .07 2	.4 2A	.2 --	264 233	117 39	1.6 2.3		
06/19/85 0705	5050 5064		9.0 100	63.0F 17.2C	7.8 8.1	430 422	26 1.30 31	12 .99 24	41 3.78 43	3.1 .08 2	82 1.64 40	58 1.21 29	43 1.23 29	5.4 .09 2	.3 1A	.2 --	293 238	114 33	1.7 2.5		
07/19/85 1430	5053 5064		8.9 102	65.1F 18.4C	7.7 7.9	430 419	26 1.30 32	12 .99 24	39 1.70 42	2.7 .07 2	79 1.59 39	57 1.19 29	43 1.21 30	4.4 .07 2	.3 2A	.2 --	270 232	114 36	1.6 2.3		
08/22/85 1430	5050 5064		8.8 102	66.6F 19.2C	7.6 8.1	440 423	26 1.30 32	12 .99 24	40 1.74 43	1.4 .04 1	80 1.60 39	58 1.21 29	45 1.27 31	4.0 .06 1	.2 --	.2 --	282 235	114 35	1.6 2.4		
23 1135.00 SANTA CLARA R A LA-VENTURA CO LI U03E1																					
11/16/84 1300	5050 5050		9.1 98	64 18	F C	8.0 8.0	830 1370	--	--	--	--	--	340 7.08	79 2.23	--	--	--	954 214	484		Y
01/16/85 1320	5050 5050		9.8 98	58 14	F C	7.8 8.0	1850 3330	--	--	--	--	--	1370 28.52	182 5.13	--	--	--	2803 34	1160		EX
04/17/85 1050	5053 5050		11.5 131	71 22	F C	8.0 8.0	1220 1360	--	--	--	--	--	363 7.56	82 2.31	--	--	--	1010 54	489		E
07/17/85 1030	5050 5053		8.3 109	84 29	F C	8.1 8.1	620 1330	--	--	--	--	--	340 7.08	79 2.23	--	--	--	943 44	480		EX
26 9780.00 RIO MONON BL WHITTIER NARROWS DM U05A5																					
11/30/84 1245	5050 5050		1.44 165	10.6 109	62 17	F C	7.8 8.0	400 1010	--	--	--	--	252 5.25	77 2.17	--	--	--	668 54	333		Y
12/17/84 0900	5050 5050		2.10 928	9.6 89	53 12	F C	7.7 8.0	108 169	--	--	--	--	26 .54	11 .11	--	--	--	83 514	46		X
01/11/85 1015	5050 5053		1.20 14E	13.1 132	59 15	F C	8.0 8.0	370 1080	--	--	--	--	242 5.04	75 2.12	--	--	--	739 54	408		X
02/15/85 1100	5050 5050		1.47 184	10.8 130	61 16	F C	8.0 8.0	620 948	--	--	--	--	227 4.73	71 2.00	--	--	--	651 --	312		Y
03/26/85 1000	5050 5053		1.54 380	13.8 142	62.0F 16.7C	7.7	450 561	--	--	--	--	--	87 1.81	50 1.41	--	--	--	375 24	158		
04/19/85 1330	5050 5053		1.60 275	11.1 118	65 18	F C	7.8 8.0	450 543	--	--	--	--	85 1.77	49 1.38	--	--	--	369 34	158		
05/14/85 1350	5053 5050		1.41 242	12.5 146	74 23	F C	8.8 8.0	500 613	--	--	--	--	88 1.83	58 1.84	--	--	--	365 44	176		

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.P. D	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				SAR	REM
						CA	MG	NA	K	CO3	SO4	CL	NO3	TURB	SI02	705 SILH	TH NCH			
76 0730.00 P10 HNN00 RL WHITTIER MARROWS OM U0545 CONTINUED																				
06/12/85 1015	5050 5050	1.52 214	9.5 116	78 26	F C	7.9 900 986	--	--	--	--	--	37 .77	56 1.58	--	-- 5A	-- --	363	162		
07/25/85 0940	5050 5050	1.19 43	14.0 181	84 29	F C	8.7 780 849	--	--	--	--	--	131 2.73	74 2.09	--	-- 2A	-- --	565	223		
08/16/85 0950	5050 5050	1.05 6.8	15.5 198	83 28	F C	9.0 820 913	--	--	--	--	--	232 4.83	84 2.37	--	-- 2A	-- --	615	237		
09/18/85 1035	5050 5050	1.23 58	11.5 132	72 22	F C	8.0 875 951	--	--	--	--	--	151 3.14	86 2.43	--	-- 1A	-- --	576	228		
77 1100.90 SAN GABRIEL R A WHITTIER MARROWS U0545																				
10/25/84 1300	5050 5050	20E 10.3 121	74 23	F C	7.9 790 1340	--	--	--	--	--	--	284 6.02	123 3.47	--	-- 2A	-- --	892	462		X
12/17/84 1245	5050 5050	300E 9.4 87	53 12	F C	7.7 110 190	--	--	--	--	--	--	35 .73	9.0 .25	--	-- 182A	-- --	192	64		EX
01/11/85 1100	5050 5050	3E 7.3 77	64 19	F C	7.3 380 956	--	--	--	--	--	--	196 4.08	72 2.03	--	-- 1A	-- --	626	343		X
02/15/85 1130	5050 4050	27F 12.0 124	62.0F 16.7C	7.8 C	620 953	--	--	--	--	--	--	232 4.83	74 2.09	--	-- --	-- --	692	326		X
03/26/85 1040	5050 5050	2E 17.6 198	70.0F 21.1C	7.8 C	800 953	--	--	--	--	--	--	206 4.29	71 2.00	--	-- 1A	-- --	690	332		
04/19/85 1210	5050 5040	2E 10.4 114	68 20	F C	7.9 710 841	--	--	--	--	--	--	157 3.27	68 1.92	--	-- 1A	-- --	552	292		
05/14/85 1415	5050 5050	5E 17.8 59	0 18	F C	9.5 600 704	--	--	--	--	--	--	129 2.69	62 1.75	--	-- 1A	-- --	434	224		
06/12/85 0910	5050 5050	4E 8.4 103	78 26	F C	7.9 720 833	--	--	--	--	--	--	71 1.48	70 1.97	--	-- 0A	-- --	919	288		
07/25/85 0830	5050 5050	4E 16.2 192	75 24	F C	9.0 1000 1160	--	--	--	--	--	--	281 5.85	124 3.50	--	-- 12A	-- --	779	349		
08/16/85 0810	5050 5050	1E 15.6 174	69 21	F C	9.2 1000 1180	--	--	--	--	--	--	297 6.18	139 3.81	--	-- 15A	-- --	820	335		
09/18/85 0920	5050 5050	15E 18.4 211	72 22	F C	9.5 1800 1200	--	--	--	--	--	--	273 5.68	127 3.58	--	-- 10A	-- --	656	372		X
77 1927.10 SAN GABRIEL R A 47USA PH U0503																				
10/26/84 0930	5050 5050	20F 10.6 102	55 13	F C	8.0 200 314	48 2.40 63	11 .90 23	10 .09 11	3.4 2	165 3.30 86	19 .40 10	5.0 .14 4	.9 .01 0	.1 3A	.4 --	188 196	163 0	0.3 0.7		Y
11/09/84 1330	5050 5050	15F 10.6 102	55 13	F C	8.0 200 348	46 2.30 60	12 .99 26	10 .44 12	3.2 .08 2	162 3.24 85	19 .40 11	5.0 .14 4	1.3 .02 1	.4 3A	.4 --	230 194	164 3	0.3 0.7		X
12/15/84 1530	5050 5050	17E 10.7 102	54 12	F C	7.9 200 360	44 2.20 44	13 1.07 27	13 .57 14	4.0 .10 3	160 3.20 82	26 .54 14	6.0 .17 4	.9 .01 0	.1 1A	.4 --	238 203	164 4	0.4 0.9		X
01/11/85 0550	5050 5050	30F 11.0 98	49 9	F C	7.4 160 343	44 2.20 62	10 .82 23	10 .44 12	2.9 .07 2	143 2.86 82	23 .48 14	4.0 .11 3	2.7 .04 1	.1 2A	.4 --	205 182	151 8	0.4 0.7		X
02/15/85 0830	5050 5050	40E 11.5 104	50.0F 10.0C	7.9 C	200 346	46 2.30 60	12 .99 26	10 .44 12	3.0 .08 2	154 3.08 83	24 .50 13	4.0 .11 3	1.6 .03 1	.1 2A	.4 --	216 193	164 11	0.3 0.6		X
03/26/85 0740	5050 5050	20E 10.5 100	54.0F 12.2C	8.0 C	325 345	47 2.35 63	11 .90 24	9.0 .39 10	3.0 .08 2	154 3.08 83	23 .48 13	4.0 .11 3	1.1 .02 1	.1 2A	.3 --	159 191	162 9	0.3 0.6		T
04/19/85 1110	5050 5050	75E 9.5 100	62 17	F C	8.0 310 329	46 2.30 65	10 .82 23	8.0 .35 10	2.9 .07 2	150 3.00 85	19 .40 11	3.0 .08 2	1.9 .03 1	.0 1A	.3 --	200 181	156 6	0.3 0.5		
05/14/85 1230	5050 5050	.0 9.3 104	68 20	F C	7.8 360 426	61 3.04 66	12 .99 22	10 .44 10	4.7 .12 3	208 4.16 90	15 .31 7	4.0 .11 2	4.0 .06 1	.1 1A	.4 --	311 236	202 0	0.3 0.6		E T
06/12/85 0800	5050 4050	75E 9.5 95	58 14	F C	8.4 370 343	48 2.40 60	12 .99 25	12 .52 13	3.6 .09 2	164 3.28 83	24 .52 13	4.0 .11 3	2.1 .03 1	.0 1A	.4 --	252 205	170 6	0.4 0.8		
07/25/85 0720	5050 5050	30E 9.2 105	73 21	F C	8.0 340 374	48 2.40 58	14 1.15 28	11 .44 12	4.4 .11 3	168 3.36 83	26 .54 13	4.0 .11 3	1.1 .02 0	.1 7A	.4 --	290 209	178 10	0.4 0.7		E T
08/16/85 0700	5050 5050	30E 9.4 90	64 18	F C	7.7 357	32 1.60 40	22 1.81 45	11 .48 12	3.9 .10 3	164 3.28 84	23 .48 12	4.0 .11 3	1.4 .02 1	.0 1A	.4 --	138 196	170 7	0.4 0.7		T

DATE TIME	SAMPLER L&R	G.H. O	OD S&T	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER EQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER SILICA SILICA				SAR ASAR	REM		
						CA	MG	NA	K	CO3	SO4	CL	NO3	TURB	SIO2	705 SILH	704 NCH				
77 1927.10 SAN GABRIEL R A AZUSA PH U0503 CONTINUED																					
09/18/85 0805	5050 5050		9.1 99	65 18	F C	7.8 8.2	195 371	48 2,40 60	12 99 25	12 .52 13	4.4 .12 3	142 3.24 82	28 .58 14	4.0 .11 3	.0 .00 0	.1 4A	.5 --	204 206	170 R	0.4 0.6	X
77 5100.00 MID MONROE NR MONTEBELLO U0501																					
10/25/84 1345	5050 5050		7.2 81	70 21	F C	7.4	430 1090	-- --	-- --	-- --	-- --	-- --	225 4.68	71 2.00	-- --	-- 1A	-- --	738	428		Y
11/30/84 1145	5050 5050		3.5 35	60 16	F C	7.5	390 996	-- --	-- --	-- --	-- --	-- --	220 4.58	48 1.35	-- --	-- 2A	-- --	654	430		X
12/17/84 1015	5050 5050		9.4 87	53 12	F C	7.5	77 113	-- --	-- --	-- --	-- --	-- --	13 .27	4.0 .11	-- --	-- 17A	-- --	54	37		X
01/11/85 1200	5050 5050		10.0 99	59 15	F C	7.4	440 1130	-- --	-- --	-- --	-- --	-- --	309 6.43	45 1.27	-- --	-- 1A	-- --	805	541		EY
02/15/85 1000	5050 5050		4.6 48	63.0F 17.2C	7.5	630 981	-- --	-- --	-- --	-- --	-- --	-- --	222 4.62	49 1.38	-- --	-- --	-- --	655	426		Y
03/26/85 0930	5050 5050		3.0 31	63.0F 17.2C	7.6	900 1090	-- --	-- --	-- --	-- --	-- --	-- --	252 5.25	62 1.75	-- --	-- 1A	-- --	775	490		E
04/19/85 1300	5050 5050		5.3 56	65 18	F C	7.5	790 918	-- --	-- --	-- --	-- --	-- --	194 4.04	52 1.47	-- --	-- 2A	-- --	658	370		E
05/14/85 1445	5050 5050		5.8 69	75 24	F C	7.5	760 906	-- --	-- --	-- --	-- --	-- --	174 3.62	58 1.64	-- --	-- 2A	-- --	590	564		
06/12/85 0940	5050 5050		2.8 33	76 24	F C	7.6	900 1070	-- --	-- --	-- --	-- --	-- --	86 1.79	74 2.09	-- --	-- 3A	-- --	695	412		
07/25/85 0905	5050 5050		4.8 57	75 24	F C	7.8	700 812	-- --	-- --	-- --	-- --	-- --	136 2.83	63 1.78	-- --	-- 1A	-- --	536	280		
08/16/85 0910	5050 5050		2.5 28	71 22	F C	7.2	850 975	-- --	-- --	-- --	-- --	-- --	174 3.62	82 2.31	-- --	-- 1A	-- --	654	343		
09/18/85 0955	5050 5050		3.4 36	65 18	F C	7.7	700 856	-- --	-- --	-- --	-- --	-- --	130 2.71	74 2.09	-- --	-- 1A	-- --	553	280		
77 5920.10 EATON WA A PASADENA DIV U0502																					
03/21/85	5050 5050						6.3 351	41 2.05 55	13 1.07 29	12 .52 14	2.2 .06 2	138 2.76 76	26 .54 15	7.0 .20 6	7.7 .12 3	.3 3A	1.0 --	213 192	156 18	0.4 0.8	
77 6150.00 MISSION C NR MONTEBELLO U05A5																					
01/11/85 1150	5050 5050		11.5 112	57 14	F C	7.4	390 1020	-- --	-- --	-- --	-- --	-- --	256 5.33	45 1.27	-- --	-- 4A	-- --	707	496		Y
02/15/85 0930	5050 5050		6.8 68	60.0F 15.5C	7.7	550 780	-- --	-- --	-- --	-- --	-- --	-- --	181 3.77	35 .99	-- --	-- --	-- --	497	382		Y
03/26/85 0900	5050 5050		11.3 114	60.0F 15.5C	7.9	1000 1180	-- --	-- --	-- --	-- --	-- --	-- --	266 5.54	53 1.49	-- --	-- 0A	-- --	791	594		
04/19/85 1240	5050 5050		14.5 154	65 18	F C	7.9	990 1130	-- --	-- --	-- --	-- --	-- --	284 5.91	50 1.41	-- --	-- 1A	-- --	775	556		E

**This page intentionally left blank**

## TABLE C-2 MINOR ELEMENT ANALYSES OF SURFACE WATER

### Lab and Sampler Agency Code

5050                    -   California Department of Water Resources

### Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
Disch	- Instantaneous discharge in cubic feet per second (E = Estimated)
EC	- Electrical conductance in microseimens at 25° C
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	- Measure of acidity or alkalinity of water
CHROM (ALL)	- All Chromium
CHROM (HEX)	- Hexavalent Chromium
D	- Dissolved
T	- Total



TABLE C-2  
MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	DITCH EC	TEMP PM	ARSENIC	CONSTITUENTS RARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
05/15/85 1130	5050 5050	680	66 F 9.1	0.00	0	0.00	0.01 D 0.06 n	0.00	0.000	0.00
05/14/85 0925	5050 5050	390	66 F 8.0	0.00	0	0.00	0.00	0.00	0.000	0.00
05/14/85 1020	5050 5050	280	66 F 7.9	0.00	0	0.00	0.00	0.00	0.000	0.01
05/13/85 1400	5050 5050	350	66 F 7.8	0.00	0	0.00	0.00	0.00	0.000	0.11
05/13/85 0830	5050 5050	226.8 950	62 F 7.5	0.00	0	0.00	0.01 D 1.16	0.00	0.000	0.03
05/13/85 1100	5050 5050	32 E 820	75 F 7.7	0.00	0	0.00	0.00	0.00	0.000	0.03
05/16/85 0900	5050 5050	16 E 800	67 F 7.8	0.00	0	0.00	0.00	0.00	0.000	0.00
05/16/85 1003	5050 5050	5 E 790	65 F 8.0	0.00	0	0.00	0.00	0.00	0.000	0.00
05/16/85 1045	5050 5050	80 E 1320	59 F 7.8	0.00	0	0.00	0.01	0.00	0.000	0.00
05/17/85 1000	5050 5050	30 E 950	21 F 8.0	0.00	0	0.00	0.02	0.00	0.000	0.03
05/16/85 1145	5050 5050	15 E 950	74 F 7.9	0.00	0	0.00	0.00	0.00	0.000	0.00
05/16/85 1300	5050 5050	4.9 700	63 F 7.9	0.00	0	0.00	0.00	0.00	0.000	0.00
05/16/85 1340	5050 5050	60 E 1320	60 F 7.8	0.00	0	0.00	0.01	0.00	0.000	0.01
05/14/85 1230	5050 5050	00.0 360	68 F 7.8	0.00	0	0.00	0.00	0.00	0.000	0.00
03/21/85	5050						0.00	0.00		0.00

# **TABLE C-3** **MISCELLANEOUS ANALYSES OF SURFACE WATER**

## **Lab and Sampler Agency Codes**

5050                    - California Department of Water Resources

## **Abbreviations and Constituents**

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
EC	- Electrical conductance in microseimens at 25° C
DO	- Dissolved oxygen content in milligrams per liter
GH	- Instantaneous gage height in feet above an established datum
pH	- Measure of acidity or alkalinity of water: F = field determination, L = Lab determination
DISCH	- Instantaneous discharge in cubic feet per second (E = estimated)
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
DEPTH	- Depth in feet at which sample was collected
TURB	- Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	- Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	- Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
IODIDE	- Iodide in milligrams per liter
T ODOR	- Threshold odor number at 60 degrees C
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter
CC EXT	- Carbon chloroform extract
CA EXT	- Carbon alcohol extract

TABLE C-3  
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	NO G.N.	F-PH L-PH	OISC4 HRAS	DEPTH TIHR	T+L CNLR	SET 5 N+G COLOR	ML/L MG/L	ROO SUS S	COO SUS S	CYANIDE PHENDLS	TOC DOC	IOOIOE T 0004	NROMINE SULFITE	T SULF O SULF	CC EXT CA EXT
06 2100.00 SISQUON R NR GAREY T12B0																	
02/12/85	5050	66.0F	12.8	8.0	0.5	--	--	--	--	0.4 B	--	--	--	--	--	--	--
1050		700			--					--							
06 3050.00 CUYAMA R BL TWITCHNELL OH T1200																	
11/13/84	5050	9.9	7.9	--	8 E	--	--	--	--	1.0 B	--	--	--	--	--	--	--
0700		1250			--					--							
01/14/85	5050	56 F	10.8	7.8	2 E	--	--	--	--	0.6 B	--	--	--	--	--	--	--
1850	5050	1380			--					--							
04/15/85	5050	77 F	8.8	8.0	2.5	--	--	--	--	0.8 B	--	--	--	--	--	--	--
1300		1850			--					--							
06 4150.00 MUASNA R NR ARROYO GRANOF																	
10/30/84	5050	66 F	8.8	7.3	1 E	--	--	--	--	0.6 B	--	--	--	--	--	--	--
1130		380			--					--							
02/11/85	5050	58.0F	10.1	7.5	2.5	--	--	--	--	0.5 B	--	--	--	--	--	--	--
1750		800			--					--							
08 1440.00 SANTA YNEZ R A SOLVANG T14C0																	
11/13/84	5050	64 F	8.6	7.8	15 E	--	--	--	--	0.7 B	--	--	--	--	--	--	--
0900		400	0.79		--					--							
01/15/85	5050	54.4F	11.6	8.0	2 E	--	--	--	--	0.4 B	--	--	--	--	--	--	--
0945	5050	350	0.88		--					--							
01/18/85	5050	54.4F	11.6	8.0	2 E	--	--	--	--	0.4 B	--	--	--	--	--	--	--
0945	5050	350	0.68		--					--							
V9 1620.00 MOJAVE R A LO NAPS NR VICTORVILLE V2RR0																	
11/14/84	5050	53 F	9.8	7.9	--	--	--	--	--	0.6 B	--	--	--	--	--	--	--
0900		200	3.31		--					--							
01/08/85	5050	57 F	6.5	8.0	30 E	--	--	--	--	--	--	--	--	--	--	--	--
1245	5050	222	3.43		0.00 L	--	--	--	--	--	--	--	--	--	--	--	--
04/18/85	5050	62 F	8.9	8.0	--	--	--	--	--	0.4 B	--	--	--	--	--	--	--
1000		365	3.78		--					--							
07/18/85	5050	74 F	8.2	7.5	0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
0705	5050	330	3.29		--					--							
W3 1070.00 WHITE WATER R NR MECCA X1901																	
12/10/84	5050	63	8.2	7.8	50 E	--	--	--	--	1.1 B	--	--	--	--	--	--	--
0840	5050	1400			--					--							
06/07/85	5050	85 F	7.0	8.2	85 E	--	--	--	--	0.8 B	--	--	--	--	--	--	--
1410	5050	2000			--					--							
09/12/85	5050	73 F		7.8	168 E	--	--	--	--	1.1 B	--	--	--	--	--	--	--
1000		2100			--					--							
X2 1350.00 SANTA MARGARITA R NR FALLERPOOK 70281																	
12/11/84	5050	60	8.8	7.7	150 E	--	--	--	--	3.1 B	--	--	--	--	--	--	--
1315	5050	420			--					--							
03/16/85	5050	59.0F	8.9	8.0	15 E	--	--	--	--	1.9 B	--	--	--	--	--	--	--
1115		1150			--					--							
06/04/85	5050	70 F	9.0	8.2	3 E	--	--	--	--	0.8 B	--	--	--	--	--	--	--
1300	5050	1100			--					--							
09/10/85	5050	66 F	9.2	7.8	6 E	--	--	--	--	0.3 B	--	--	--	--	--	--	--
0930		980			--					--							
X4 1230.00 SAN DIEGUITO R A HONGES LK 204F1																	
02/19/85	5050	72	11.0	7.8	5.0	--	--	--	--	0.9 B	--	--	--	--	--	--	--
1030					--					--							
X4 3400.05 ESCONCINO C NEAR HARMONY GROVE 204F2																	
12/11/84	5050	57 F	7.3	7.4	125 E	--	--	--	--	--	--	--	--	--	--	--	--
1115	5050	100			0.12 L	--	--	--	--	--	--	--	--	--	--	--	--
03/18/85	5050	69.0F	12.3	8.5	7 E	--	--	--	--	--	--	--	--	--	--	--	--
1315	5050	1780			0.04	--	--	--	--	--	--	--	--	--	--	--	--
06/04/85	5050	66 F	10.0	8.3	4 E	--	--	--	--	--	--	--	--	--	--	--	--
1400	5050	1750			0.11 L	--	--	--	--	--	--	--	--	--	--	--	--
09/10/85	5050	66 F	9.4	7.8	5 E	--	--	--	--	--	--	--	--	--	--	--	--
1045	5050	1300			0.09 L	--	--	--	--	--	--	--	--	--	--	--	--
X5 1230.30 SAN DIEGO P A OLD MISSION OH 707A2																	
12/11/84	5050	67	8.4	7.5	400 E	--	--	--	--	5.3 B	--	--	--	--	--	--	--
0900	5050	290			--					--							
03/18/85	5050	63.0F	11.1	8.0	7 E	--	--	--	--	1.4 B	--	--	--	--	--	--	--
1450		1800			--					--							
06/04/85	5050	74 F	9.0	8.0	10 F	--	--	--	--	2.6 B	--	--	--	--	--	--	--
1605	5050	2300			--					--							
09/10/85	5050	71 F	7.3	7.8	3 E	--	--	--	--	0.7 B	--	--	--	--	--	--	--
1200		1900			--					--							

TABLE C-3 (CONTINUED)  
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH HR45	DEPTH TURB	T+L CNLR	0+G COLOR	SET S PL/L MG/L	ROD SUS S	COO V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T ODO	BROMIDE SULFITE	T SULF P SULF	CC EXT CA EXT
		X6 1450.00				SWEETWATER R A LEVEL	DM NR	ALPINE					Z09H1				
02/19/85 1430	5050	62.0F 400	11.9	8.0	--	--	--	--	--	0.9 R	--	--	--	--	--	--	--
		X7 1330.00				OTAY R A SAVAGE OM							Z1080				
02/20/85 1030	5050	59.0F 470		R+0	--	--	--	--	--	1.3 R	--	--	--	--	--	--	--
		X8 1200.20				TIA JUANA R A INT BOUNDARY							Z1141				
10/31/84 0900	5050	70 F 1350	3.1	7.6	1 E	--	--	--	--	10.7 R	--	--	--	--	--	--	--
02/20/85 1215	5050	62.0F 830	6.6	7.8	3 E	--	--	--	--	1.0 R	--	--	--	--	--	--	--
		Y1 1550.00				SANTA ANA R RL PRAOJ DM							Y01A3				
10/25/84 1530	5050	66 F 450	8.6 2.70	7.7	160.0 0.09 L	--	--	--	--	53.2 S	--	--	--	--	--	--	--
11/08/84 1700	5050	63 F 380	7.8	7.7	0.18 L	--	--	--	--	--	--	--	--	--	--	--	--
12/16/84 1400	5050	50 F 358	9.7 3.62	7.8	416.3 0.13 L	--	--	--	--	19.4 S	--	--	--	--	--	--	--
01/10/85 0900	5050	56 F 365	9.4 3.41	7.4	310 E 0.06 L	--	--	--	--	27.8 S	--	--	--	--	--	--	--
02/14/85 0830	5050	60 F 650	11.2 3.68	7.7	511.0 0.10 L	--	--	--	--	14.2 S	--	--	--	--	--	--	--
03/25/85 0930	5050	58.0F 915	9.8 3.08	7.8	272.8 0.10 L	--	--	--	--	35.6 S	--	--	--	--	--	--	--
04/19/85 1000	5050	63 F 950	8.7 2.99	7.8	241.9 0.05 L	--	--	--	--	57.2 S	--	--	--	--	--	--	--
05/13/85 0830	5050	62 F 950	9.0 2.94	7.5	226.8 0.03 L	--	--	--	--	45.0 S	--	--	--	--	--	--	--
06/11/85 0825	5050	68 F 940	7.8 2.76	8.0	274.8 0.04 L	--	--	--	--	38.8 S	--	--	--	--	--	--	--
07/24/85 0805	5050	74 F 940	8.5 2.68	7.0	143.8 0.06 L	--	--	--	--	94.9 S	--	--	--	--	--	--	--
08/15/85 0800	5050	66 F 775	7.8 2.61	7.3	129.5 0.06 L	--	--	--	--	69.5 S	--	--	--	--	--	--	--
09/17/85 0915	5050	67 F 950		7.3	148.1 0.06 L	--	--	--	--	137.0 S	--	--	--	--	--	--	--
		Y5 1100.00				SANTA ANA R A E ST RR NR SAN BERN							Y01E2				
10/26/84 0800	5050	73 F 390	7.9	7.3	70 E 0.56 L	--	--	--	--	--	--	--	--	--	--	--	--
11/09/84 0930	5050	75 F 390	8.1	7.2	70 E 0.20 L	--	--	--	--	--	--	--	--	--	--	--	--
12/16/84 0900	5050	66 F 470	7.5	7.5	70 E 0.71 L	--	--	--	--	--	--	--	--	--	--	--	--
01/10/85 1445	5050	67 F 390	9.0	7.4	75.0 0.10 L	--	--	--	--	--	--	--	--	--	--	--	--
02/14/85 1115	5050	68 F 610	9.0	7.3	60 E 0.42 L	--	--	--	--	--	--	--	--	--	--	--	--
03/25/85 1150	5050	69.0F 810	8.8	7.7	042 E 0.26 L	--	--	--	--	--	--	--	--	--	--	--	--
04/18/85 1530	5050	71 F 850	8.1	7.3	35 E 0.14 L	--	--	--	--	--	--	--	--	--	--	--	--
05/13/85 1100	5050	75 F 820	7.4	7.7	32 E 0.12 L	--	--	--	--	--	--	--	--	--	--	--	--
06/11/85 1045	5050	79 F 900	8.2	7.5	35 E 0.28 L	--	--	--	--	--	--	--	--	--	--	--	--
07/24/85 1209	5050	84 F 830	9.5	7.0	30 E 0.15 L	--	--	--	--	--	--	--	--	--	--	--	--
08/15/85 1030	5050	83 F 820	7.6	7.2	25 E 0.15 L	--	--	--	--	--	--	--	--	--	--	--	--
09/17/85 1145	5050	84 F 850	8.4	7.3	60 E 0.20 L	--	--	--	--	--	--	--	--	--	--	--	--
		Y6 1225.00				SANTA ANA R A HAMMER AV NR CORONA							Y01R5				
11/09/84 1200	5050	64 F 450	6.4	7.4	80 E 0.10 L	--	--	--	--	--	--	--	--	--	--	--	--
01/10/85 1100	5050	58 F 400	7.6	7.4	200 E 0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
04/19/85 0915	5050	63 F 1000	7.8	7.8	45 E 0.08 L	--	--	--	--	--	--	--	--	--	--	--	--
07/24/85 1000	5050	74 F 800		7.3	60 F 0.08 L	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-3 (CONTINUED)  
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	ON G.H.	F-PH L-PH	DISCH M <sup>3</sup> /S	DEPTH TURB	T+L CNLOP	0+G COLOR	ML/L MG/L	RDO SUS S	COO V SUS S	CYANIDE PHENOLS	TOC DOC	IOOIDE I ODOOR	BROMIDE SILFETTF	T SULF D SULF	CC EXT CA EXT
Y6 1410.00		SANTA ANA R A MWD XING NR ARLIN															
10/23/84	5050	67 F	8.0	7.9	70 E	--	--	--	--	--	--	--	--	--	--	--	--
1700	5050	420			0.04 L	--	--	--	--	--	--	--	--	--	--	--	--
11/09/84	5050	66 F	8.2	8.0	80 E	--	--	--	--	--	--	--	--	--	--	--	--
1100	5050	390			0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
12/16/84	5050	58 F	8.2	8.0	80 E	--	--	--	--	--	--	--	--	--	--	--	--
1100	5050	380			0.10 L	--	--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	63 F	9.1	7.3	120 E	--	--	--	--	--	--	--	--	--	--	--	--
1220	5050	365			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
02/14/85	5050	61 F	12.0	7.7	70 E	--	--	--	--	--	--	--	--	--	--	--	--
1000	5050	630			0.12 L	--	--	--	--	--	--	--	--	--	--	--	--
03/23/85	5050	66.0F	7.5	7.8	45 E	--	--	--	--	--	--	--	--	--	--	--	--
1045	5050	870			0.08 L	--	--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	63 F	7.8	7.7	40 E	--	--	--	--	--	--	--	--	--	--	--	--
0830	5050	850			0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
05/13/85	5050	69 F	7.4	8.0	25 E	--	--	--	--	--	--	--	--	--	--	--	--
1000	5050	930			0.07 L	--	--	--	--	--	--	--	--	--	--	--	--
06/11/85	5050	76 F	6.4	8.0	110 E	--	--	--	--	--	--	--	--	--	--	--	--
0940	5050	900			0.05 L	--	--	--	--	--	--	--	--	--	--	--	--
07/24/85	5050	75 F			90 E	--	--	--	--	--	--	--	--	--	--	--	--
1100	5050	900			0.07 L	--	--	--	--	--	--	--	--	--	--	--	--
08/15/85	5050	73 F	6.6	7.8	45 E	--	--	--	--	--	--	--	--	--	--	--	--
0930	5050	750			0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
09/17/85	5050	72 F	5.8	7.4	45 E	--	--	--	--	--	--	--	--	--	--	--	--
1045	5050	850			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
Y7 1145.00		SAN TIMOTEO C MT AV NR SAN BERNAR															
11/09/84	5050	5.6F	10.1	7.9	2 E	--	--	--	--	--	--	--	--	--	--	--	--
0845	5050	210			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	59 F	5.7	7.3	2	--	--	--	--	--	--	--	--	--	--	--	--
1400	5050	350			0.01 L	--	--	--	--	--	--	--	--	--	--	--	--
04/18/85	5050	60 F	10.1	8.5	1 E	--	--	--	--	--	--	--	--	--	--	--	--
1500	5050	465			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
07/18/85	5050	85 F	8.5	8.3	5 E	--	--	--	--	--	--	--	--	--	--	--	--
1300	5050	480			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
Y9 1450.00		SAN JACINTO R NR SAN JACINTO															
02/13/85	5050	60 F	10.5	7.5	2 E	--	--	--	--	0.9 8	--	--	--	--	--	--	--
1200		170			--	--	--	--	--	--	--	--	--	--	--	--	--
71 1100.00		VENTURA R NR VENTURA															
01/15/85	5050	59 F	11.3	8.0	2 E	--	--	--	--	0.2 8	--	--	--	--	--	--	--
1340	5050	410	2.19		--	--	--	--	--	--	--	--	--	--	--	--	--
04/16/85	5050	64 F	8.5	7.5	6 E	--	--	--	--	0.2 8	--	--	--	--	--	--	--
1215		850	2.01		--	--	--	--	--	--	--	--	--	--	--	--	--
77 1100.00		SAN GABRIEL R A WHITTIER NARROWS															
10/24/84	5050	74 F			25 E	--	--	--	--	4.5 8	--	--	--	--	--	--	--
1315	5050				--	--	--	--	--	--	--	--	--	--	--	--	--
08/16/85	5050	69 F	15.6	9.2	1 E	--	--	--	--	38.0 8	--	--	--	--	--	--	--
0810		1000			--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/85	5050	72 F	18.4	9.5	15 E	--	--	--	--	14.0 8	--	--	--	--	--	--	--
0920		1800			--	--	--	--	--	--	--	--	--	--	--	--	--
77 5100.00		RIO MONOJ NR MONTERELLO															
10/24/84	5050	75 F			7 E	--	--	--	--	2.9 8	--	--	--	--	--	--	--
1330					--	--	--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	65 F	5.3	7.5	4.0	--	--	--	--	4.3 8	--	--	--	--	--	--	--
1300		790			--	--	--	--	--	--	--	--	--	--	--	--	--
08/16/85	5050	71 F	2.5	7.2	8 F	--	--	--	--	5.0 8	--	--	--	--	--	--	--
0910	5050	850			--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/85	5050	65 F	3.4	7.7	12 E	--	--	--	--	6.6 8	--	--	--	--	--	--	--
0959		700			--	--	--	--	--	--	--	--	--	--	--	--	--

# **TABLE C-4** **NUTRIENT ANALYSES OF SURFACE WATER**

## **Lab and Sampler Agency Code**

- |      |                                                                |
|------|----------------------------------------------------------------|
| 5050 | - California Department of Water Resources                     |
| 5064 | - California Department of Water Resources, Castaic Laboratory |

## **Abbreviations**

- |       |                                                                                        |
|-------|----------------------------------------------------------------------------------------|
| TIME  | - Pacific Standard Time on a 24-hour clock                                             |
| GH    | - Instantaneous gage height, in feet, above an established datum                       |
| Q     | - Instantaneous discharge in cubic feet per second                                     |
| TEMP  | - Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)       |
| Depth | - Depth, in feet, when measurement was taken                                           |
| F EC  | - Field determination of electrical conductance in microseimens at 25°C                |
| F PH  | - Field determination of acidity or alkalinity                                         |
| TURB  | - Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F) |
| F-CO2 | - Field determination of carbon dioxide in milligrams per liter                        |
| P ALK | - Field determination of alkalinity (Phenol)                                           |
| T ALK | - Field determination of alkalinity (Total)                                            |

## **(Nitrogen Series as N)**

- |               |                                       |
|---------------|---------------------------------------|
| D N02+N03     | - Dissolved nitrite and nitrate       |
| D N02         | - Dissolved nitrite                   |
| D NO3         | - Dissolved nitrate                   |
| D ORG N       | - Dissolved organic nitrogen          |
| T ORG N       | - Total organic nitrogen              |
| D NH 3        | - Dissolved ammonia                   |
| T NH 3        | - Total ammonia                       |
| T (NH3+ORG N) | - Total ammonia plus organic nitrogen |

## **(Phosphorus Series as P)**

- |             |                                         |
|-------------|-----------------------------------------|
| DIS.A.H.P04 | - Dissolved acid hydrolyzable phosphate |
| D O-P04     | - Dissolved orthophosphate              |
| T O-P04     | - Total orthophosphate                  |
| D TOT P     | - Dissolved total phosphorus            |
| T TOT P     | - Total phosphorus                      |

TABLE C-4  
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP L&R	G.M. O	TEMP DEPTH	F EC F PH	FIELD T HRR F C02 T ALK	N NO2 + N NO3	N NO2 N NO3	CONSTITUENTS IN MILLIGRAMS PER LITER N ORG N T ORG N	N NH3 T NH3	N NH3 + T NH3	N IS A.M.P04	N N-PO4 T N-PO4	N TOT P T TOT P
06 3050.00 CHIVANA R RL TWITCHELL DM T120U													
11/13/84 5050 0700	8 E	57 F	1250 7.9	--	0.002 0.27	--	--	--	--	--	--	0.02 --	--
01/14/85 5050 1650	2 E	56 F	1380 7.8	--	0.024 0.14	--	--	--	--	--	--	0.00 --	--
04/15/85 5050 1300	2.5	77 F	1850 8.0	--	0.000 0.00	--	--	--	--	--	--	0.00 --	--
06 4150.00 MIJASNA R NR ARPOYO GRANDE													
10/30/84 5050 1130	1 E	66 F	380 7.3	--	0.005 0.08	--	--	--	--	--	--	0.74 --	--
02/11/85 5050 1750	2.5	58.0F	600 7.5	--	0.004 0.27	--	--	--	--	--	--	0.32 --	--
08 1440.00 SANTA YNEZ R A SOLVANG T14C0													
11/13/84 5050 0900	0.79 15 E	64 F	400 7.8	--	0.002 0.16	--	--	--	--	--	--	0.05 --	--
01/15/85 5050 0945	0.68 2 E	54 F	350 8.0	--	0.003 0.09	--	--	--	--	--	--	0.00 --	--
09 1620.00 MOJAVE R A LO NARS NR VICTORVILLE W2880													
11/14/84 5050 0900	3.31	53 F	200 7.9	--	0.019 1.44	--	--	--	--	--	--	0.10 --	--
01/08/85 5050 1245	3.43 30 E	57 F	222 8.0	--	--	--	--	--	--	--	--	0.12 --	--
04/18/85 5050 1000	3.78	62 F	365 8.0	--	0.030 1.31	--	--	--	--	--	--	0.10 --	--
07/18/85 5050 0705	3.29	74 F	330 7.5	--	--	--	--	--	--	--	--	0.15 --	--
03 1070.00 WHITE WATER R NR MECCA Y1901													
12/10/84 5050 0840	50 E	63	1400 7.8	--	0.100 11.51	--	--	--	--	--	--	0.53 --	--
06/07/85 5050 1410	85 E	85 F	2000 8.2	--	0.080 9.07	--	--	--	--	--	--	0.51 --	--
09/12/85 5050 1000	168 E	73 F	2100 7.8	--	0.115 8.58	--	--	--	--	--	--	0.81 --	--
02 1350.00 SANTA MARGARITA R NR FALLBROOK Z0281													
12/11/84 5050 1315	150 E	60	420 7.7	--	0.090 6.77	--	--	--	--	--	--	1.26 --	--
03/18/85 5050 1115	15 E	59.0F	1150 8.0	--	0.240 8.26	--	--	--	--	--	--	1.03 --	--
06/04/85 5050 1300	3 E	70 F	1100 8.2	--	0.008 8.64	--	--	--	--	--	--	1.47 --	--
09/10/85 5050 0930	6 E	66 F	980 7.8	--	0.010 12.87	--	--	--	--	--	--	2.91 --	--
04 1200.00 SAN DIEGUITO R A HONGES LK Z04F1													
02/19/85 5050 1030	5.0	59.0F	720 7.8	--	0.004 0.58	--	--	--	--	--	--	0.02 --	--
04 3400.05 ESCONCINO C NEAR HARMONY GROVE Z04F2													
12/11/84 5050 1115	125 E	57 F	190 7.4	--	--	--	--	--	--	--	--	0.32 --	--
03/18/85 5050 1315	7 F	69.0F	1780 8.5	--	--	--	--	--	--	--	--	0.08 --	--
06/04/85 5050 1400	4 E	66 F	1750 8.3	--	--	--	--	--	--	--	--	0.16 --	--
09/10/85 5050 1045	5 E	66 F	1300 7.8	--	--	--	--	--	--	--	--	0.17 --	--
05 1230.30 SAN DIEGO R A OLD MISSION DM Z07A2													
12/11/84 5050 0900	400 E	57	290 7.5	--	0.018 0.68	--	--	--	--	--	--	0.16 --	--
03/18/85 5050 1450	7 E	63.0F	1800 8.0	--	0.030 0.68	--	--	--	--	--	--	0.09 --	--
06/04/85 5050 1605	10 F	76 F	2300 8.0	--	0.005 0.50	--	--	--	--	--	--	0.13 --	--
09/10/85 5050 1200	3 E	71 F	1900 7.8	--	0.010 0.27	--	--	--	--	--	--	0.21 --	--
06 1450.00 SWEETWATER R A LOVEL DM NR ALPINE Z0981													
02/19/85 5050 1430	62.0F	400	8.0	--	0.300 0.14	--	--	--	--	--	--	0.40 --	--

TABLE C-4 (CONTINUED)  
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.H. Q	TEMP DEPTH	F EC PH	TURB F C72	FIELD P ALK T ALK	N NO2 + N NO3	N NO2 N NO3	CONSTITUENTS IN MILLIGRAMS PER LITER					N N-PO4 T O-PO4	N TOT P T TOT P
									N ORG N T ORG N	N NH3 T NH3	T NH3 + ORG N	NIS A.H.P04			
Y7 1300.00 DAY R A SAVAGE DM Z10R0															
10/31/84 0930	5050 5050		75 F	300 7.4			--	0.011 0.74	--	--	--	--	0.04	--	--
02/20/85 1030	5050 1030		90.0F	470 8.0			--	0.013 0.27	--	--	--	--	0.01	--	--
XR 1200.20 TIA JIJANA R A TNT BOUNDARY Z11A1															
10/31/84 0900	5050 0900	1 E	73 F	1350 7.6			--	0.275 10.29	--	--	--	--	0.65	--	--
02/20/85 1215	5050 1215	3 F	62.0F	830 7.8			--	0.004 0.68	--	--	--	--	0.10	--	--
Y1 1550.00 SANTA ANA R RL PRADO DM Y01A3															
10/25/84 1530	5050 1530		66 F	450 7.7			--	--	--	--	--	--	2.32	--	--
11/08/84 1700	5050 1700		63 F	380 7.7			--	--	--	--	--	--	1.80	--	--
12/16/84 1403	5050 1403		50 F	358 7.8			--	--	--	--	--	--	1.60	--	--
01/10/85 0900	5050 0900		56 F	365 7.4			--	--	--	--	--	--	1.96	--	--
02/14/85 0830	5050 0830		60 F	450 7.7			--	--	--	--	--	--	1.27	--	--
03/25/85 0930	5050 0930		58.0F	415 7.8			--	--	--	--	--	--	2.99	--	--
04/19/85 1000	5050 1000		63 F	950 7.8			--	--	--	--	--	--	2.94	--	--
05/13/85 0830	5050 0830		62 F	950 7.5			--	--	--	--	--	--	2.83	--	--
06/11/85 0825	5050 0825		68 F	940 8.0			--	--	--	--	--	--	2.60	--	--
07/24/85 0605	5050 0605		74 F	940 7.0			--	--	--	--	--	--	2.16	--	--
08/15/85 0800	5050 0800		66 F	775 7.3			--	--	--	--	--	--	2.01	--	--
09/17/85 0915	5050 0915		67 F	950 7.3			--	--	--	--	--	--	2.68	--	--
Y5 1100.00 SANTA ANA R A E ST BR NR SAN BERN Y01E2															
10/26/84 0800	5050 0800	70 E	73 F	390 7.3			--	--	--	--	--	--	3.69	--	--
11/09/84 0930	5050 0930	70 E	75 F	390 7.2			--	--	--	--	--	--	4.12	--	--
12/16/84 0900	5050 0900	70 E	66 F	470 7.5			--	--	--	--	--	--	2.29	--	--
01/10/85 1445	5050 1445	75	67 F	390 7.4			--	--	--	--	--	--	1.31	--	--
02/14/85 1115	5050 1115	60 F	68 F	610 7.3			--	--	--	--	--	--	1.96	--	--
03/25/85 1150	5050 1150	42 E	69.0F	810 7.7			--	--	--	--	--	--	1.96	--	--
04/19/85 1530	5050 1530	35 E	71 F	850 7.3			--	--	--	--	--	--	3.19	--	--
05/13/85 1100	5050 1100	32 F	75 F	820 7.7			--	--	--	--	--	--	2.58	--	--
06/11/85 1045	5050 1045	35 F	70 F	900 7.5			--	--	--	--	--	--	10.29	--	--
07/24/85 1205	5050 1205	30 E	84 F	830 7.0			--	--	--	--	--	--	3.50	--	--
08/15/85 1030	5050 1030	25 F	83 F	820 7.2			--	--	--	--	--	--	2.12	--	--
09/17/85 1145	5050 1145	60 E	84 F	850 7.3			--	--	--	--	--	--	2.84	--	--
YA 1725.00 SANTA ANA R A HAMMER AV NO CORONA Y01B5															
11/09/84 1200	5050 1200	60 F	64 F	450 7.4			--	--	--	--	--	--	1.63	--	--
01/10/85 1100	5050 1100	200 F	58 F	400 7.4			--	--	--	--	--	--	1.55	--	--
04/19/85 0915	5050 0915	45 F	63 F	1000 7.8			--	--	--	--	--	--	2.12	--	--
07/24/85 1000	5050 1000	60 E	74 F	800 7.3			--	--	--	--	--	--	2.94	--	--



TABLE C-4 (CONTINUED)  
NUTRIENT ANALYSES OF SURFACE WATER

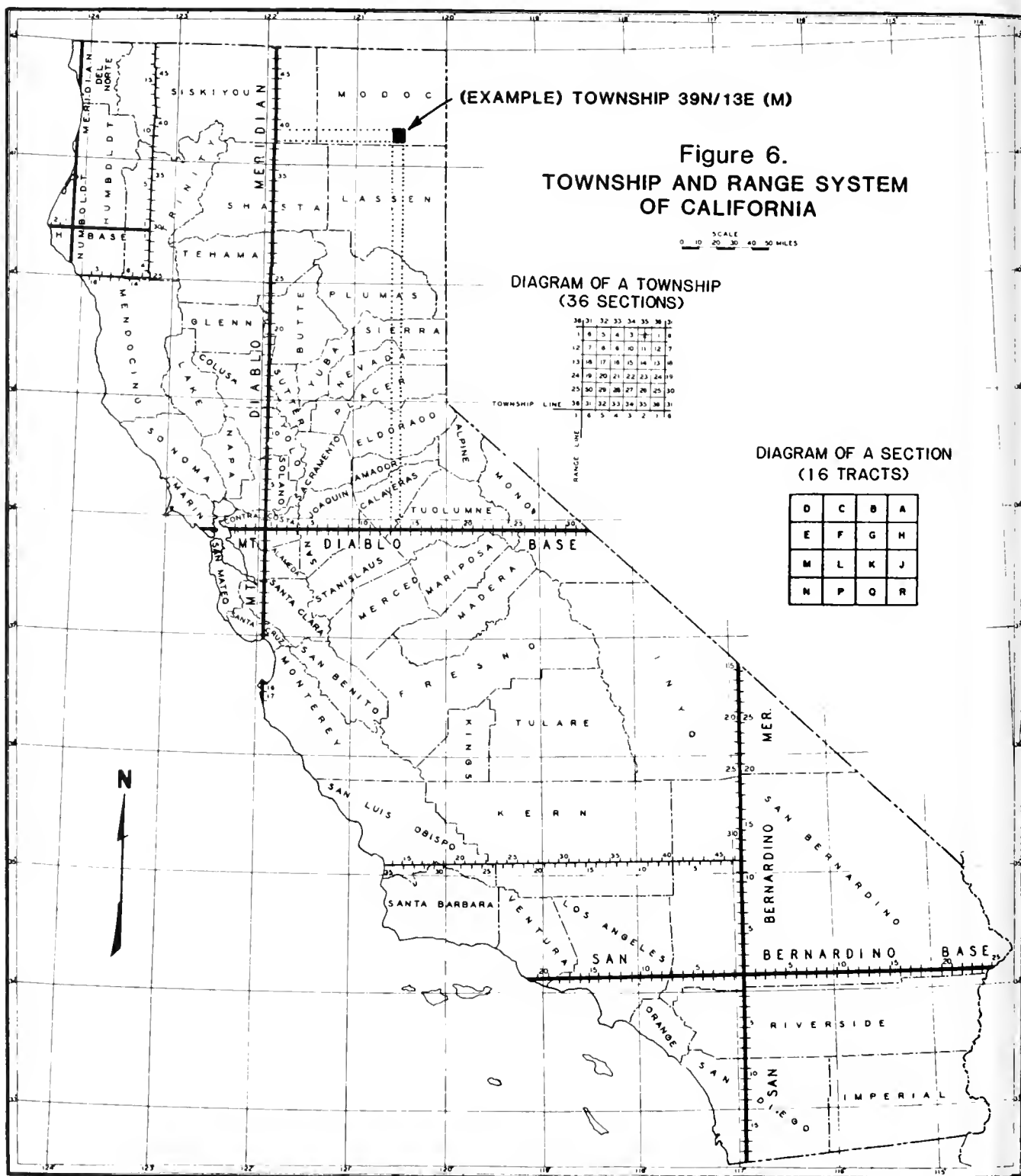
DATE TIME	SAMP LAR	G.M. D	TEMP DEPTN	F EC PH	THRR F C02	FIELD P ALK T ALK	N NO2 + N03	N NO2 N03	CONSTITUENTS IN D ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	DIS A.4.004	N N-PO4 T N-PO4	N TOT P T TOT P
Y6 1410.00 SANTA ANA R & MWD XING NR JOLIN YC1P6														
10/25/84 1700	5050 5050	70 E	67 F	420 7.9			--	--	--	--	--	--	1.15	--
11/09/84 1100	5050 5050	60 F	66 F	390 8.0			--	--	--	--	--	--	1.27	--
12/16/84 1100	5050 5050	80 E	58 F	380 8.0			--	--	--	--	--	--	1.24	--
01/10/85 1220	5050 5050	120 E	63 F	365 7.3			--	--	--	--	--	--	0.95	--
02/14/85 1000	5050 5050	70 E	61 F	630 7.7			--	--	--	--	--	--	1.70	--
03/25/85 1045	5050 5050	45 E	66.0 F	870 7.8			--	--	--	--	--	--	1.05	--
04/19/85 0830	5050 5050	40 E	63 F	850 7.7			--	--	--	--	--	--	1.50	--
05/11/85 1000	5050 5050	25 E	69 F	930 8.0			--	--	--	--	--	--	1.23	--
06/11/85 0940	5050 5050	110 E	76 F	900 8.0			--	--	--	--	--	--	1.98	--
07/24/85 1100	5050 5050	90 E	75 F	900			--	--	--	--	--	--	2.21	--
08/15/85 0930	5050 5050	45 E	73 F	750 7.8			--	--	--	--	--	--	1.56	--
09/17/85 1045	5050 5050	45 E	72 F	850 7.4			--	--	--	--	--	--	2.19	--
Y7 1145.00 SAN TIMOTEO C MT AV NR SAN REPNAE Y01E2														
11/09/84 0845	5050 5050	2 E	56 F	210 7.9			--	--	--	--	--	--	0.06	--
01/10/85 1400	5050 5050	2	59 F	350 7.3			--	--	--	--	--	--	0.13	--
04/18/85 1500	5050 5050	1 E	60 F	465 8.5			--	--	--	--	--	--	0.08	--
07/18/85 1300	5050 5050	5 E	85 F	480 8.3			--	--	--	--	--	--	0.02	--
Y9 1450.00 SAN JACINTO R NR SAN JACINTO Y02B1														
02/13/85 1200	5050	2 E	60 F	170 7.5			--	0.001 0.27	--	--	--	--	0.07	--
71 1100.00 VENTURA R NR VENTURA U02R0														
01/15/85 1340	5050 5050	2.19 2 E	59 F	410 8.0			--	0.004 1.38	--	--	--	--	0.00	--
04/16/85 1215	5050	2.01 6 E	64 F	850 7.5			--	0.004 1.04	--	--	--	--	0.00	--
72 3760.00 PIRU C RELEASE FROM PYRAMID OM U0302														
10/18/84 0830	5050 5064	18.7C 1	325 8.3				--	0.000 0.34	--	0.21	0.0	0.21	0.01	0.02 0.03
11/15/84 1015	5050 5064	16.1C 1	430 8.2				--	0.000 0.32	--	0.52	0.0	0.52	0.01	0.02 0.04
12/28/84 1350	5050 5064	10.9C 1	381 7.9				--	0.000 0.50	--	0.69	0.0	0.69	0.00	0.05 0.07
01/17/85 1100	5050	9.8C 1	400 8.6				--	0.003 0.50	--	0.64	0.0	0.64	0.00	0.06 0.09
02/21/85 1100	5050 5064	9.6C 1	400 8.0				--	0.003 0.68	--	0.87	0.0	0.87	0.00	0.07 0.08
03/21/85 1115	5050 5064	9.7C 1	395 8.0				--	0.004 0.81	--	0.23	0.0	0.23	0.01	0.07 0.16
04/16/85 1130	5050 5064	10.3C 1	450 7.6				--	0.000 0.81	--	0.77	0.0	0.77	0.00	0.06 0.09
05/16/85 1100	5050 5064	12.2C 1	400 7.8				--	0.001 0.50	--	1.04	0.0	1.04	0.01	0.08 0.09
06/19/85 0705	5050 5064	17.2C 1	430 7.8				--	0.001 0.95	--	0.76	0.0	0.76	0.01	0.08 0.10
07/19/85 1430	5050 5064	18.4C 1	430 7.7				--	0.000 0.97	--	0.26	0.0	0.26	0.00	0.07 0.08
08/22/85 1430	5050 5064	19.2C 1	440 7.6				--	0.000 1.08	--	0.73	0.0	0.73	0.01	0.09 0.12
77 1100.90 SAN GABRIEL R & WHITTIER NARROWS U0545														
10/24/84 1315	5050 5050	25 E	74 F				--	0.525 3.12	--	--	--	--	0.64	--
08/14/85 0810	5050	1 E	69 F	1000 9.2			--	0.001 0.41	--	--	--	--	0.00	--
09/18/85 0920	5050	15 E	72 F	1800 9.5			--	0.010 0.09	--	--	--	--	0.05	--

TABLE C-4 (CONTINUED)  
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	C.M. O	TEMP DEPTH	F EC F PH	TURA F CO2	FIELD P ALK T ALK	D NH2 + NH3	D NH2 D NH3	CONSTITUENTS IN MILLIGRAMS PER LITER				D P-PO4 T P-PO4	D TOT P T TOT P		
									D ORF N T ORF N	D NH3 T NH3	T NH3 + ORG N	DIS A.M.P.O4				
77 5100.00 RJN HONON NR MONTERELLO . U0501																
10/20/84	5050						--	0.080	--	--	--	--	0.24	--		
1200		7 F						0.95	--	--	--	--	--	--		
10/24/84	5050						--	0.080	--	--	--	--	0.24	--		
1400		7 E						0.95	--	--	--	--	--	--		
04/19/85	5050		65 F	790			--	0.088	--	--	--	--	0.16	--		
1300		4 E		7.5				0.95	--	--	--	--	--	--		
08/16/85	5050		71 F	850			--	0.038	--	--	--	--	0.26	--		
0910	5050		8 E	7.2				0.30	--	--	--	--	--	--		
09/18/85	5050		65 F	700			--	0.030	--	--	--	--	0.26	--		
0955		12 E		7.7				0.04	--	--	--	--	--	--		

## **APPENDIX D**

### **GROUND WATER MEASUREMENTS**



## APPENDIX D

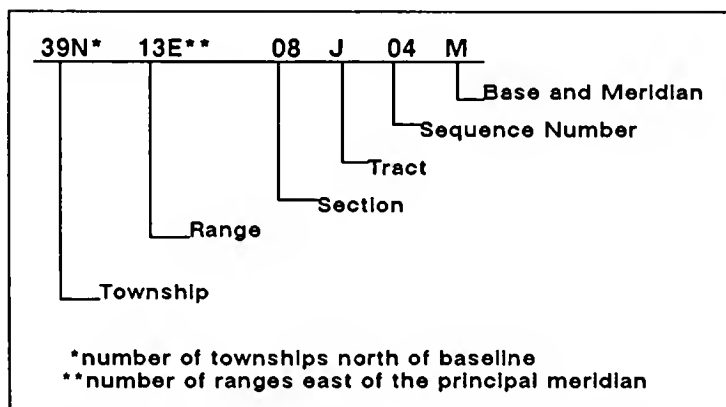
### GROUND WATER MEASUREMENTS

Appendix "D" presents depth to water measurements (ground to water) and water surface elevations for selected wells in the Soouthern California from October 1, 1984 to September 30, 1985.

The location of a well can be approximated by the well number. The numbering system for wells is based on a rectangular system called the United States System of Surveying the Public Lands, commonly referred to as the Public Lands Survey. This system ties all tracts of lands to an initial point and identifies them as being in a particular township. A township is a square parcel of land six miles on each side. Its location is established as being so many six-mile units east or west of a north-south line running through the initial point (called the "principal meridian") and so many six-mile units north or south of an east-west line running through the point (called the "baseline"). The meridional (longitudinal) lines parallel to, and east or west of, the principal meridian are called *range lines*. Latitudinal lines parallel to, and north or south of, the baseline are known as *township lines*. Each township is described with respect to the initial point by its distance (in numbers of six mile units) and direction from that point i.e., north or south and east or west.

Figure 6 presents the township and range system for California, and shows the three bases and meridians: i.e., the Humboldt (H), Mount Diablo (M) and San Bernardino (S). The figure also numbers the townships and ranges along the principal meridians and baselines, and shows the location of, for example, township 39N/13E M. The location of any township in the State can be found by extending the township and range lines as shown.

Every township is further divided into 36 equal parts called sections. A diagram of a typical township with the sections numbered from 1 to 36 is shown on Figure 6. The well numbering system is an extension of the public land survey system and involves dividing each section of land into sixteen 40-acre tracts with each tract given a letter (A through R) to identify it (see also Figure 6.) Sequence numbers in a tract are assigned in chronological order. A typical well number consists of 12 characters expressed as follows:



In the above example, this is the fourth well to be assigned a number in Tract J, Section 8 of the designated township.

Ground water measurement stations are listed in Table D by ascending areal code. The areal code is explained on page 2. Individual areal code numbers appear to the left of the hydrologic area names,

and the data listed thereunder are in that hydrologic area. The number of ground water stations precludes plotting each individual well on maps in this publication. Instead, Figure 7 shows the location of the ground water basins in which measurements were taken.

To facilitate station location, the cross reference starting on the following page relates the hydrologic areas to the ground water basins shown on Figure 7 and lists the respective areal code. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. The cross reference also lists the page numbers for the tabulated data.

The date shown in the table is the date when the depth measurement was made.

Some of the measurements in the "ground to water" column may be followed by a single digit in parenthesis, which indicates a questionable measurement. The meaning of these codes is as follows:

- |                           |                                        |
|---------------------------|----------------------------------------|
| (0) Caved or deepened     | (5) Air or pressure gage measurement   |
| (1) Pumping               | (6) Other                              |
| (2) Nearby pump operating | (7) Recharge operation at or near well |
| (3) Casing leaking or wet | (8) Oil in casing                      |
| (4) Pumped recently       | (9) Acoustic Sounder                   |

When the letters "NM" followed by a digit in parenthesis appears in the column, it means a measurement was attempted but could not be obtained. The reason for no measurement is described by the digit listed below:

- |                               |                              |
|-------------------------------|------------------------------|
| (0) Measurement Discontinued  | (5) Unable to locate well    |
| (1) Pumping                   | (6) Well has been destroyed  |
| (2) Pump house locked         | (7) Special                  |
| (3) Tape hung up              | (8) Casing leaking or wet    |
| (4) Cannot get tape in casing | (9) Temporarily inaccessible |

The words "FLOW" and "DRY" also appear in this column to indicate a flowing or dry well, respectively. When a minus sign precedes the value, it indicates that the static water level in a flowing well is that distance in feet above the ground surface.

Elevations are given in feet at USGS mean sea level datum. Ground surface elevations are usually obtained by interpolation between contours of USGS topographic maps.

The final column is the code number for the agency supplying the data. Contributing agencies and their code numbers are listed on page 77.

# APPENDIX D CROSS REFERENCE GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Analyses on page	Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Analyses on page
		CENTRAL COAST	HB				San Gabriel Valley	HA	
		ESTERO BAY	HU	169	4-13	San Gabriel Valley	Main San Gabriel	HSA	U-05.D1 183,196
		Cambrria	HA			San Gabriel Valley	Lower Canyon	HSA	U-03.02 185,190, 207
3-34	Arroyo de la Cruz Valley	Arroyo de la Cruz	HSA	T-10.A2 169		San Gabriel Valley	Upper Canyon	HSA	U-05.03 185,198, 207
3-35	San Simeon	San Simeon	HSA	T-10.A3 169		San Gabriel Valley	Foothill	HSA	U-05.04 185,207
		Point Buchon	HA						
3-41	Morro Valley	Morro	HSA	T-10.B1 169					
		Arroyo Grande	HA		4-14	Upper Santa Ana Valley	San Jose Wash	HSA	U-05.E1 207,185, 198
3-11	Arroyo Grande Valley	Oceano	HSA	T-10.C1 169		Upper Santa Ana Valley	Pomona	HSA	U-05.E2 186,198, 207
	Alipona Mesa Area	Alipona Mesa	HSA	T-10.C2 169		Upper Santa Ana Valley	Live Oak	HSA	U-05.E3 186
		SANTA MARIA	HU						
3-12	Santa Maria River Valley	Guadalupe	HA	T-12.A 169					
	Santa Maria River Valley	Sisquoc	HA	T-12.B 170					
3-13	Cuyama Valley	Cuyama Valley	HA	T-12.C 170					
3-14	San Antonio Creek Valley	SAN ANTONIO	HU	T-13 170	6-44	Antelope Valley			
						Antelope Valley			
		SANTA YNEZ	HU			Antelope Valley			
3-15	Santa Ynez River Valley	Lompoc	HA	T-14.A 171					
	Santa Ynez River Valley	Santa Yita	HA	T-14.B 171					
		SOUTH COAST	HU						
		Arguello	HA	T-15.A 171	8-2	Upper Santa Ana Valley	Chino	HSA	Y-01.B1 189,199, 207
						Upper Santa Ana Valley	Claremont	HSA	Y-01.B3 189,199, 207
		SOUTH COAST HYORO							
		SUBUNIT	HU						
		Goleta Hydro Subarea	HSA	T-15.C1 171					
		LOS ANGELES	HB		8-5	San Jacinto Basin			
4-3	Ventura River Valley	VENTURA RIVER	HU						
		Upper Ventura River	HA	U-02.B 172					
		Ojai	HA						
4-1	Upper Ojai Valley	Upper Ojai	HSA	U-02.C1 172					
4-2	Ojai Valley	Ojai Valley	HSA	U-02.C2 172	9-16	El Cajon Valley	El Cajon	HSA	Z-07.A3 190,199
		SANTA CLARA CALLEGUAS	HU						
		Oxnard Plain	HA						
4-4	Santa Clara River Valley	Oxnard	HSA	U-03.A1 172	9-17	Sweetwater Valley	Lower Sweetwater	HA	
4-6	Pleasant Valley	Pleasant Valley	HSA	U-03.A2 174			La Nacion	HSA	Z-09.A2 191
		Santa Paula	HA						
4-4	Santa Clara River Valley	Sulphur Springs	HSA	U-03.B1 174	9-18	Otay Valley	Otay Valley	HU	
	Santa Clara River Valley	Sislar	HSA	U-03.B2 174					
	Santa Clara River Valley	Sespe	HA						
	Santa Clara River Valley	Fillmore	HSA	U-03.C1 174					
	Santa Clara River Valley	Piru	HA		9-19	Tijuana Basin	Water Tanks	HSA	Z-11.A2 191
	Santa Clara River Valley	Santa Felicia	HSA	U-03.01 175					
4-4.07	Santa Clara River Valley	Upper Santa Clara			AJ0310				
	Eastern Basin	River	HA						
	Santa Clara River Valley	Eastern	HSA	U-03.E1 175,193, 203					
	Eastern Basin								
	Santa Clara River Valley	Sierra Paloma	HSA	U-03.E4 194,204					
	Eastern Basin								
4-5	Acton Valley	Acton	HSA	U-03.E5 194,204					
4-8	Las Posas Valley	Calleguas-Conejo	HA						
	Las Posas Valley	West Las Posas	HSA	U-03.F1 175					
4-8	Las Posas Valley	East Las Posas	HSA	U-03.F2 175					
4-21	Conejo-Tierra Rejada	Conejo Valley	HSA	U-03.F4 175					
	Volcanic Areas								
4-9		Simi Valley	HSA	U-03.F7 175					
		MALIBU	HU						
4-21	Conejo-Tierra Rejada	Malibu Creek	HA						
	Volcanic Areas	Sherwood	HSA	U-04.B6 176					
		Camarillo	HA	T-12.C 176					
4-16	Hidden Valley	Big Sycamore Canyon	HSA	U-04.D7 176					
		LA-SAN GABRIEL RIVER	HU						
		Coastal Plain	HA						
4-11	Coastal Plain-	West Coast	HSA	U-05.A2 176					
	Los Angeles County								
	Coastal Plain-	Central	HSA	U-05.A5 177,195, 205					
	Los Angeles County								
		Raymond	HA						
4-13	San Gabriel Valley	Pasadena	HSA	U-05.C1 181,195, 201,205					
	San Gabriel Valley	Monk Hill	HSA	U-05.C2 181,196, 205					
	San Gabriel Valley	Santa Anita	HSA	U-05.C3 182,196					

\*See Page 2

\*\*See Figure 2

# APPENDIX D CROSS REFERENCE (Continued)

## GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Data on page	Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Data on page
7-19	Lucerne Valley	COLORADO RIVER LUCERNE LAKE	HB HU	X-01 112	9-7	San Luis Rey Valley	SAN LUIS REY Lower San Luis Mission	HU HA HSA	Z-03.A1 152
7-12	Warren Valley	JOSHUA TREE Warren	HU HA	X-08.A 112	9-8	Warner Valley	Warner Valley Warner	HA HSA	Z-03.C1 152
7-11	Copper Mountain Valley	Copper Mountain	HA	X-08.B 112			SAN DIEGUITO Hodges	HU HA	
7-10	Twentynine Palms Valley	DALE Twentynine Palms	HU HA	X-09.A 113	9-10	San Pasqual Valley	Del Dios	HSA	Z-05.B1 155
7-9	Dale Valley	Dale Valley	HA	X-09.B 113	9-7	San Luis Ray Valley	San Pasqual	HA	
7-20	Morongo Valley	Whitewater Morongo	HU HA	X-19.A 113	9-7	San Luis Ray Valley	Las Lomas Muertas Hidden	HSA HSA	Z-05.C2 155 Z-05.C4 156
7-21	Coachella Valley	San Geronio Cabazon	HA HSA	X-19.C2 113	9-11	Santa Maria Valley	Santa Maria Valley Ramona	HA HSA	Z-05.D1 156
7-21	Coachella Valley	Garnet Hill	HSA	X-19.D1 114			SAN DIEGO RIVER Lower San Diego	HU HA	
7-21	Coachella Valley	Mission Creek	HSA	X-19.D2 114	9-15	San Diego River Valley	Santee	HSA	Z-07.A2 158
7-21	Coachella Valley	Miracle Hill	HSA	X-19.D3 114	9-15	San Diego River Valley	El Monte	HSA	Z-07.A5 158
7-21	Coachella Valley	Sky Valley	HSA	X-19.D4 115			Boulder Creek Spencer	HA HSA	Z-07.D2 158
7-21	Coachella Valley	Forgo Canyon	HSA	X-19.D5 115			SWEETWATER Middle Sweetwater	HU HA	
7-21	Coachella Valley	Thousand Palms	HSA	X-19.D6 115	9-20	Jamul Valley	Jamacha	HSA	Z-09.B1 159
7-21	Coachella Valley	Indio	HSA	X-19.D7 115	9-19	Tijuana Basin	TIJUANA Tijuana Valley San Ysidro	HU HA HSA	Z-11.A1 159
		SANTA ANA SANTA ANA RIVER Lower Santa Ana River	HB HU HA				Monument Pine	HA HSA	Z-11.D1 159
8-1	Coastal Plain-Orange Co.	East Coastal Plain	HSA	Y-01.A1 120					
8-1	Coastal Plain-Orange Co.	Santa Ana Narrows	HSA	Y-01.A3 122					
		Upper Santa Ana Valley	HA						
8-2	Upper Santa Ana Valley	Chino	HSA	Y-01.B1 122					
8-2	Upper Santa Ana Valley	Claremont	HSA	Y-01.B3 125					
3-2	Upper Santa Ana Valley	Cucamonga	HSA	Y-01.B4 125					
3-2	Upper Santa Ana Valley	Temescal	HSA	Y-01.B5 126					
3-2	Upper Santa Ana Valley	Arlington	HSA	Y-01.B6 126					
3-2	Upper Santa Ana Valley	Riverside	HSA	Y-01.B7 127					
8-2	Upper Santa Ana Valley	Lake Mathews	HA						
8-2	Upper Santa Ana Valley	Coldwater	HSA	Y-01.C1 131					
8-2	Upper Santa Ana Valley	Bedford	HSA	Y-01.C2 131					
8-2	Upper Santa Ana Valley	Lee Lake	HSA	Y-01.C4 132					
		Colton-Rialto	HA						
8-2	Upper Santa Ana Valley	Lower Lytle	HSA	Y-01.D2 132					
3-2	Upper Santa Ana Valley	Rialto Lytle	HSA	Y-01.D3 133					
3-2	Upper Santa Ana Valley	Colton	HSA	Y-01.D4 133					
		Upper Santa Ana River	HA						
8-2	Upper Santa Ana Valley	Bunker Hill	HSA	Y-01.E2 134					
8-2	Upper Santa Ana Valley	Redlands	HSA	Y-01.E3 144					
8-2	Upper Santa Ana Valley	Mentone	HSA	Y-01.E4 145					
3-2	Upper Santa Ana Valley	Reservoir	HSA	Y-01.E5 145					
8-2	Upper Santa Ana Valley	Crafton	HSA	Y-01.E6 145					
3-2	Upper Santa Ana Valley	Santa Ana Canyon	HSA	Y-01.E7 145					
8-2	Upper Santa Ana Valley	Hill Creek Canyon	HSA	Y-01.E8 146					
3-2	Upper Santa Ana Valley	Sycamore	HSA	Y-01.E9 146					
		San Timoteo	HA						
8-2	Upper Santa Ana Valley	Yucaipa	HSA	Y-01.F1 147					
3-2	Upper Santa Ana Valley	Beaumont	HSA	Y-01.F2 147					
8-2	Upper Santa Ana Valley	Cherry Valley	HSA	Y-01.F3 147					
3-2	Upper Santa Ana Valley	Chicken Hill	HSA	Y-01.F4 147					
8-2	Upper Santa Ana Valley	Gateway	HSA	Y-01.F5 148					
8-2	Upper Santa Ana Valley	Oak Glenn	HSA	Y-01.F6 148					
3-2	Upper Santa Ana Valley	South Mesa	HSA	Y-01.F7 149					
8-2	Upper Santa Ana Valley	Triple Falls Creek	HSA	Y-01.F8 149					
8-2	Upper Santa Ana Valley	Noble Creek	HSA	Y-01.F9 149					
		SAN JACINTO VALLEY San Jacinto	HU HA						
8-5	San Jacinto Basin	Gilman Hot Spring	HSA	Y-02.B1 150					
		Elsinore Valley	HA						
8-4	Elsinore Basin	Elsinore	HSA	Y-02.C1 150					
		SAN DIEGO SAN JUAN	HU HU						
9-1	San Juan Valley	Laguna Hills	HA						
9-1	San Juan Valley	Aliso	HSA	Z-01.A3 151					
		Mission Viejo	HA	Z-01.B 151					
		SANTA MARGARITA Murrieta	HU HA						
9-5	Temecula Valley	French	HSA	Z-02.C3 151					

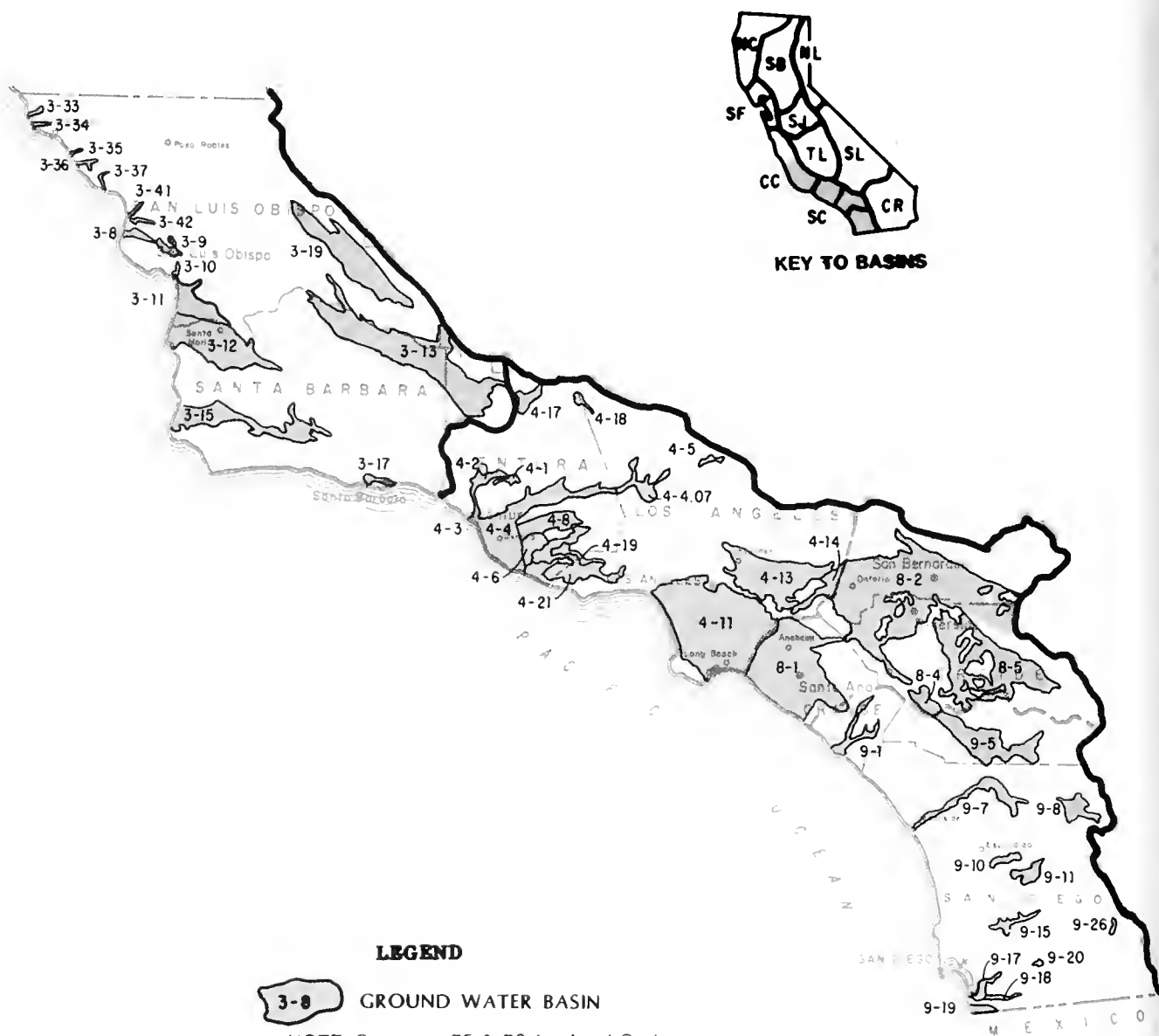
\*See page 2.

\*\*See Figure 2



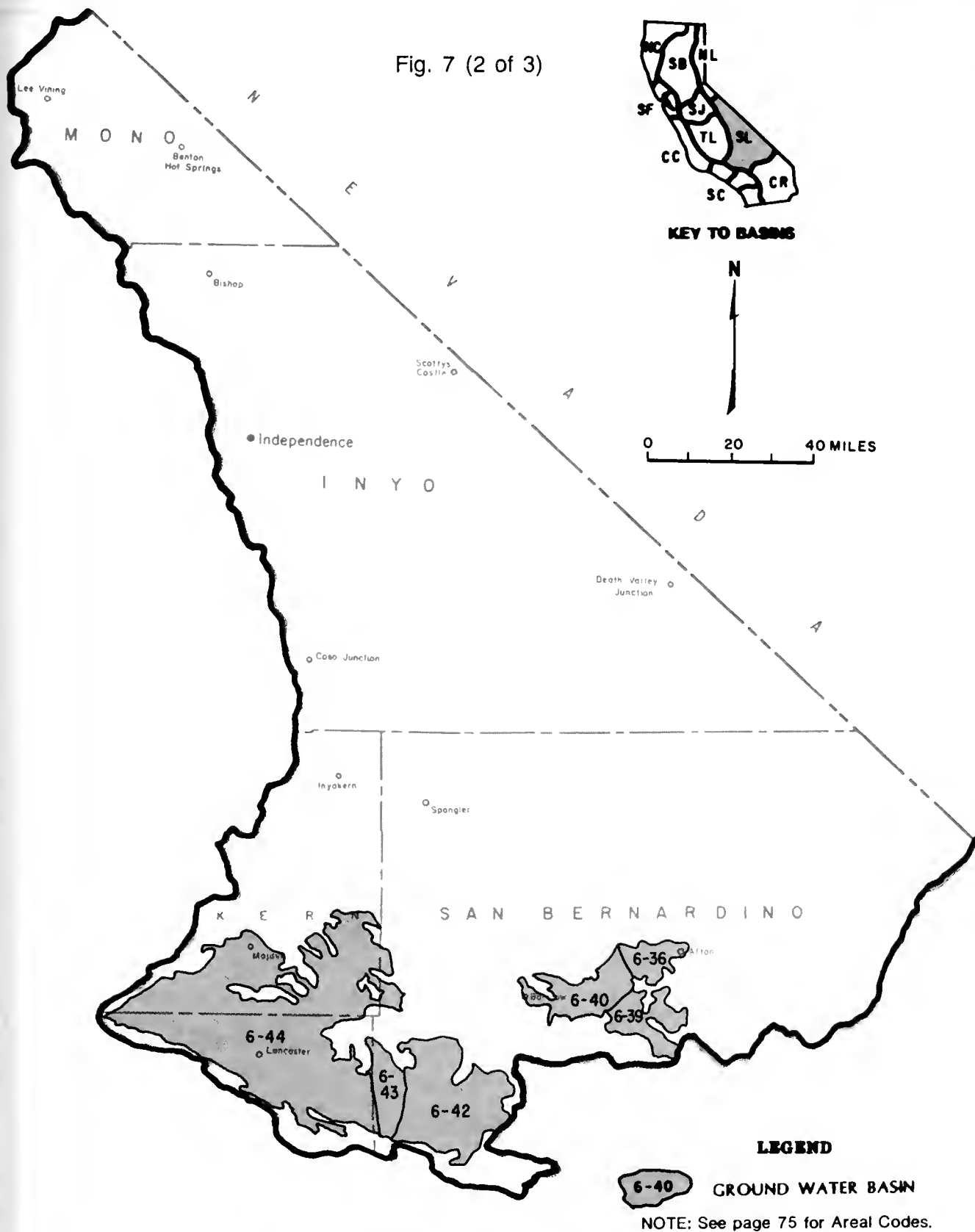
## CONTRIBUTING AGENCIES AND CODE NUMBERS

<u>Agency Number</u>	<u>Agency Name</u>	<u>Agency Number</u>	<u>Agency Name</u>
17	Chino, City	5001	U. S. Bureau of Reclamation
13	San Gabriel Valley Protective Association	5015	U. S. International Boundary and Water Commission
25	Santa Paula Water Works Limited (Limoneira Water Co.)	5050	California Department of Water Resources
29	Pomona City	5060	California Department of Health Services
55	Elsinore Valley municipal Water Dist.	5101	San Bernadino County Flood Control Dist.
30	Western Municipal Water Dist.	5102	Orange County Flood Control Dist.
30	San Bernadino, City	5117	San Luis Obispo County Flood Control and Water Conservation Dist.
58	Rialto, City	5121	Ventura County Flood Control Dist.
30	San Bernadino Valley Water Conservation Dist.	5125	Monte Vista County Water Dist.
74	Santa Barbara, City	5135	Coachella Valley County Water Dist.
47	Gage Canal Company	5202	Oceanside, City
36	Orange, City	5205	Carlsbad Municipal Water Dist.
44	San Bernadino, East, County Water Dist.	5206	Redlands, City
44	San Bernadino, West, County Water Dist.	5208	Riverside, City
41	Colton, City	5229	San Diego, City
45	Upland, City	5272	Corona, City
46	Long Beach, City	5400	Helix Water Dist. (ID)
49	Oxnard, City	5404	Santa Maria Valley Water Conservation Dist.
40	Anaheim, City	5407	Beaumont-Cherry Valley Water Dist. (ID)
26	Julian Community Services Dist.	5411	United Water Conservation Dist.
22	Ramona Municipal Water Dist.	5419	Yucaipa Valley County Water Dist.
05	Vista Irrigation Dist.	5711	Escondido Mutual Water Co.
17	Orange County Water Dist.	5713	Rowe, W.P. and Son
01	Corona Foothill Lemon Co.	5717	Temescal Water Co.
02	Cucamonga County Water Dist.	5723	Pine Valley Mutual Water Co.
06	Fontana Union Water Co.	5783	Riverside Highland Water Co.
09	Irvine Co.	5875	Eastern Municipal Water Dist.
42	Yorba Linda County Water Dist.	6100	Sweet Water Authority
48	San Antonio Water Co.	6224	Mesa, South, Mutual Water Co.
76	Southern California Water Co.	8027	Norco, City
85	California Portland Cement Co.	8208	Glenn Avon Heights, Mutual Water Co. of Loma Linda, City
93	Muscoy Water Co.	9263	San Bernadino, South, County Water Dist.
29	Banning Water Co.		
50	Kaiser Industries Corporation		



**Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT  
CENTRAL COASTAL & SOUTH COASTAL BASINS**

Fig. 7 (2 of 3)



**Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT  
SOUTH LAHONTAN BASIN**

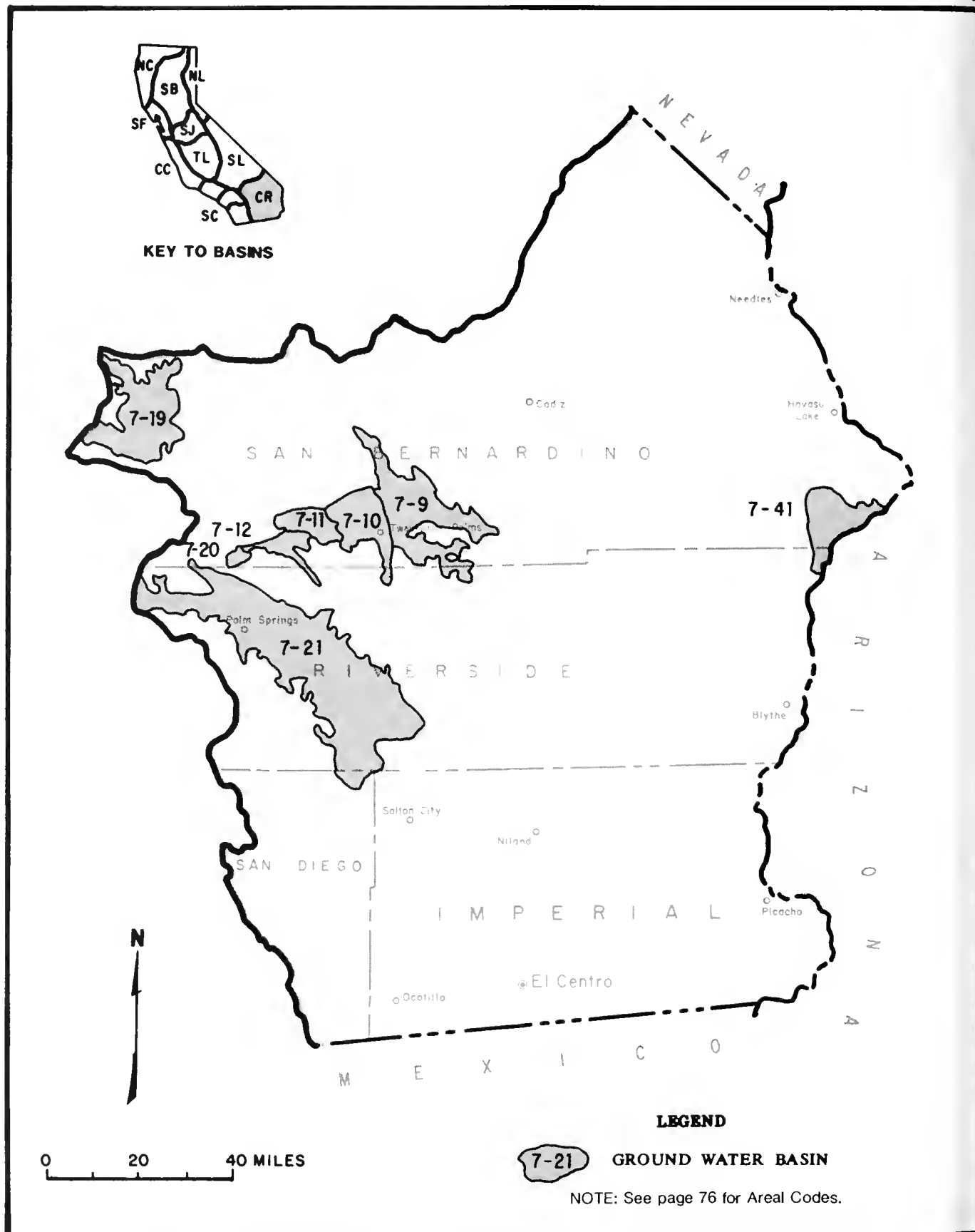


Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT  
COLORADO RIVER BASIN

TABLE D

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-10 T-10.4 T-10.41	CENTRAL COAST HB ESTERO BAY HU CAMBRIA HA SAN CARPOFORO HSA					T-10 T-10.8 T-10.82	CENTRAL COAST HB ESTERO BAY HU POINT BUCHON HA CHORRO HSA				
255/06E-16A02 M	30.0	11/01/84 04/19/85	13.5 9.1	16.5 20.9	5117	305/11E-11J01 M	165.0	10/22/84 04/17/85	25.9 22.1	139.1 142.9	5117
T-10.42	ARROYO DE LA CRUZ HSA					305/11E-12H01 M	180.0	10/22/84 04/17/85	42.7 40.6	137.3 139.4	5117
255/06E-35N01 M	20.0	11/01/84 04/19/85	9.0 10.8	11.0 9.2	5117	305/12E-17001 M	330.0	10/24/84	14.0	316.0	5117
T-10.43	SAN SIMEON HSA					T-10.83	LOS OSOS HSA				
275/08E-06G01 M	20.0	10/22/84	18.1	1.9	5117	305/10E-13H01 M	14.0	04/18/85	7.1	6.9	5117
275/08E-06G02 M	19.5	10/22/84	16.4	3.1	5117	305/10E-13K01 M	66.9	10/16/84 04/18/85	56.8 56.0	10.1 10.9	5117
275/08E-09L01 M	30.0	10/05/84	5.0	25.0	5117	305/10E-13L01 M	39.7	03/18/85	29.0	10.7	5117
275/08E-09P02 M	34.0	10/22/84 04/19/85	11.3 7.6	22.7 26.4	5117	305/10E-13L03 M	25.4	10/16/84	21.0	4.4	5117
275/08E-10G01 M	50.0	10/12/84 04/19/85	32.3 16.6	17.7 33.4	5117	305/10E-13P01 M	78.9	10/16/84 04/17/85	68.9 68.5	10.0 10.4	5117
275/08E-11B01 M	119.5	10/22/84	47.4	72.1	5117	305/10E-13P02 M	113.8	10/16/84	121.6	-7.8	5117
T-10.44	SANTA ROSA CREEK HSA					305/10E-24A01 M	182.7	04/14/85 09/28/85	156.0 156.0	26.7 26.7	5117
275/08E-24J01 M	82.0	10/18/84 04/19/85	25.9 22.3	56.1 59.7	5117	305/10E-24C01 M	178.3	04/14/85 09/28/85	188.0 191.0	-9.7 -12.7	5117
275/08E-24N01 M	80.0	10/18/84 04/19/85	19.2 13.8	60.8 66.2	5117	305/11E-07H01 M	9.1	10/19/84 04/18/85 08/30/85	11.6 8.5 3.0	-2.5 .6 6.1	5117
275/08E-26C05 M	40.0	10/06/84 04/03/85	28.1 17.4	11.9 22.6	5117	305/11E-07001 M	24.1	10/19/84	4.7	19.4	5117
275/08E-26001 M	32.5	10/09/84 04/03/85	28.7 15.1	3.8 17.4	5117	305/11E-08J01 M	15.0	10/17/84	5.2	9.8	5117
T-10.45	VILLA HSA					305/11E-08M02 M	89.3	10/16/84	61.6	27.7	5117
285/09E-10K01 M	199.0	10/18/84 04/19/85	20.0 14.0	179.0 185.0	5117	305/11E-08R01 M	14.6	10/16/84 04/18/85	6.5 5.4	8.1 9.2	5117
285/09E-23001 M	160.0	10/18/84 04/19/85	16.4 14.4	143.6 145.6	5117	305/11E-17A01 M	21.5	10/16/84	16.1	5.4	5117
285/09E-23E03 M	80.0	10/18/84 04/19/85	24.3 22.5	55.7 57.5	5117	305/11E-17E01 M	107.4	10/17/84	86.8	20.6	5117
T-10.48	TORO HSA					305/11E-17E04 M	107.0	10/17/84	84.3	22.7	5117
295/10E-01P01 M	130.0	04/19/85	14.3	115.7	5117	305/11E-17F02 M	81.8	04/18/85	57.5	24.3	5117
T-10.8 T-10.81	POINT BUCHON HA HORRO HSA					305/11E-17F04 M	76.2	10/17/84 04/18/85	44.6 43.4	31.6 32.8	5117
295/10E-24R02 M	59.5	04/19/85	22.8	36.7	5117	305/11E-17H02 M	38.6	10/16/84 04/18/85	16.9 10.8	21.7 27.8	5117
295/10E-25C01 M	29.0	10/12/84	23.0	6.0	5117	305/11E-18F01 M	100.9	10/19/84	107.0	-6.1	5117
295/10E-25C02 M	20.1	10/12/84 04/19/85	35.5 17.5	-15.4 2.6	5117	305/11E-18H01 M	120.0	10/19/84	95.2	24.8	5117
295/10E-25C03 M	20.0	04/19/85	16.0	4.0	5117	305/11E-18H02 M	106.7	10/17/84 04/18/85	64.1 63.8	42.6 42.9	5117
295/10E-25C04 M	40.0	10/12/84 04/19/85	17.5 12.5	22.5 27.5	5117	305/11E-18H03 M	104.7	10/16/84 04/17/85	58.0 55.4	46.7 49.3	5117
295/10E-25E02 M	20.0	10/12/84 04/19/85	32.0 12.0	-12.0 8.0	5117	305/11E-18J03 M	108.2	10/17/84 04/18/85	54.3 55.7	53.9 52.5	5117
295/10E-25F05 M	20.0	10/12/84	35.5	-15.5	5117	305/11E-18K01 M	135.7	10/19/84	124.1	11.6	5117
295/11E-17A01 M	210.0	04/19/85	18.5	191.5	5117	305/11E-18K02 M	117.6	10/16/84 04/18/85	103.7 103.9	13.9 13.7	5117
295/11E-17A02 M	219.0	04/19/85	31.3	187.7	5117	305/11E-18K03 M	121.2	04/14/85 09/28/85	98.0 105.0	23.2 16.2	5117
295/11E-17A03 M	219.0	04/19/85	34.2	184.8	5117	305/11E-18K04 M	115.2	04/14/85 09/28/85	103.0 105.0	12.2 10.2	5117
295/11E-19P01 M	78.1	04/19/85	40.1	38.0	5117	305/11E-18M01 M	109.5	10/19/84	112.4	-2.9	5117
T-10.82	CHORRO HSA					305/11E-18N01 M	102.2	10/19/84 04/17/85	75.2 75.7	27.0 26.5	5117
295/11E-19J01 M	120.0	04/19/85	11.8	108.2	5117	305/11E-18001 M	132.8	10/16/84	41.2	91.6	5117
295/11E-32F01 M	22.0	04/17/85	2.9	19.1	5117	305/11E-20A01 M	80.9	10/16/84	26.8	54.1	5117
295/11E-32J01 M	32.0	10/12/84	17.5	14.5	5117	305/11E-20A02 M	76.9	10/16/84	21.4	55.5	5117
295/11E-32J02 M	34.6	04/17/85	17.9	16.7	5117	305/11E-20A04 M	82.6	10/16/84	24.6	58.0	5117
295/11E-32J04 M	30.0	10/12/84 04/19/85	17.0 9.0	13.0 21.0	5117	305/11E-20B01 M	87.8	10/16/84 04/18/85	53.4 37.1	34.4 50.7	5117
295/11E-32J06 M	38.0	10/12/84	20.0	18.0	5117	305/11E-20H01 M	85.5	10/16/84 04/18/85	19.9 10.3	65.6 75.2	5117
295/11E-32J08 M	37.5	10/12/84	19.5	18.0	5117	305/11E-21E04 M	78.0	10/16/84	22.0	56.0	5117
295/11E-33E02 M	45.0	04/17/85	23.2	21.8	5117	T-10.84	SAN LUIS CRISTO CREEK HSA				
295/11E-33N01 M	40.0	04/17/85	9.2	30.8	5117	305/12E-32J01 M	128.7	10/19/84 04/02/85	12.8 9.5	115.9 119.2	5117
305/11E-03001 M	75.0	10/12/84 04/19/85 04/20/85	27.0 20.0 21.0	48.0 55.0 54.0	5117	315/12E-03P02 M	125.0	10/19/84 04/02/85	8.1 6.6	116.9 118.4	5117
305/11E-03D02 M	75.0	10/12/84 04/19/85	27.0 21.0	48.0 54.0	5117						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-10 T-10.8 T-10.84	CENTRAL COAST HB ESTERO 84Y HU POINT OUCHON HA SAN LUIS OBISPO CREEK HSA					T-10 T-10.C T-10.C1	CENTRAL COAST HB ESTERO 84Y HU ARROYO GRANDE HA OCEANO HSA				
315/12E-10F03 M	119.0	10/19/84 04/02/85	4.4 1.3	110.6 113.7	5137	325/13E-23F01 M	161.2	10/04/84 10/20/84 04/03/85	20.5 23.1 22.6	140.7 138.1 138.6	5137
315/12E-10G02 M	125.0	10/19/84 04/02/85	19.5 12.5	105.5 112.5	5117	325/13E-23M07 M	140.0	10/04/84 04/03/85	34.8 30.9	105.2 109.1	5117
315/12E-12E03 F	165.0	10/19/84 04/03/85	21.7 16.0	143.3 149.0	5117	325/13E-28G01 M	86.2	10/04/84 04/03/85	35.5 38.3	50.7 47.9	5117
315/12E-12P03 M	200.0	10/19/84 04/02/85	38.4 37.4	161.6 162.8	5117	325/13E-28L01 M	90.0	04/09/85	86.2	3.8	5117
315/12E-13J01 M	200.0	09/21/85	31.0	169.0	5117	325/13E-28Q02 M	72.9	10/04/84 04/08/85	52.5 45.0	20.4 27.9	5117
315/12E-14C01 M	135.0	04/02/85	13.9	121.1	5117	325/13E-28Q06 M	75.0	04/08/85	45.0	30.0	5117
315/13E-18J02 M	240.0	10/22/84 04/03/85	19.4 15.8	220.6 224.4	5117	325/13E-29E01 M	81.4	10/04/84	73.0	8.4	5117
315/13E-18J08 M	260.0	04/03/85	12.0	248.0	5117	325/13E-29C02 M	73.6	10/04/84	77.8	-6.2	5117
315/13E-18M01 M	192.0	09/21/85	47.0	145.0	5117	325/13E-29E01 M	50.0	10/04/84 04/09/85	43.9 42.5	8.1 7.5	5117
315/13E-18R01 M	240.0	10/22/84 04/03/85	24.9 16.2	215.1 223.8	5117	325/13E-29F01 M	75.0	10/05/84	88.2	6.8	5117
315/13E-19E01 M	240.0	10/22/84 04/03/85	51.1 40.0	188.9 200.0	5117	325/13E-29G01 M	86.0	10/05/84 04/09/85	68.8 71.9	17.2 14.1	5117
T-10.86	PISMO HSA					325/13E-29G02 M	86.0	04/09/85	73.8	12.2	5117
315/13E-16M01 M	324.5	10/22/84 04/03/85	45.4 38.6	279.1 285.9	5117	325/13E-29G03 M	100.0	10/05/84 04/09/85	79.6 70.8	20.4 29.2	5117
315/13E-17Q04 M	350.0	10/29/84 04/03/85	20.7 35.8	329.3 314.2	5117	325/13E-29G14 M	81.0	10/05/84 04/09/85	72.5 78.8	8.5 2.2	5117
315/13E-19A03 M	249.0	10/22/84 04/03/85	37.4 29.5	211.6 219.5	5117	325/13E-29J02 M	82.6	10/04/84	73.4	9.2	5117
315/13E-19H01 M	262.0	10/19/84 04/03/85	18.9 18.7	243.1 243.3	5117	325/13E-29M04 M	61.2	10/04/84	45.8	15.4	5117
315/13E-19L01 M	245.0	09/21/85	61.0	184.0	5117	325/13E-30F01 M	20.0	10/15/84 10/28/84 04/22/85	11.3 10.1 11.1	8.7 9.9 8.9	5117
315/13E-20G01 M	275.0	10/22/84 04/03/85	21.4 22.2	253.6 252.8	5117	325/13E-30F02 M	30.0	10/15/84 04/22/85	11.5 11.8	18.5 18.2	5117
315/13E-20K01 M	275.0	10/22/84 04/03/85	26.1 20.7	248.9 254.3	5117	325/13E-30F03 M	30.0	10/15/84 04/22/85	16.9 12.0	13.1 18.0	5117
315/13E-27D03 M	300.0	10/22/84 04/03/85	13.6 12.9	286.4 287.1	5117	325/13E-30K04 M	30.0	10/03/84 04/11/85	16.8 16.0	13.2 14.0	5117
315/13E-27M01 M	288.0	10/22/84 04/03/85	7.7 11.6	280.3 276.4	5117	325/13E-30K11 M	29.2	10/03/84 04/11/85	21.8 21.2	7.4 8.0	5117
315/13E-27M02 M	280.0	04/03/85	14.0	266.0	5117	325/13E-30M01 M	30.0	10/24/84 04/22/85	6.0 5.4	24.0 24.6	5117
315/13E-29C01 M	255.0	10/29/84 04/03/85	12.7 11.8	242.3 243.2	5117	325/13E-30M02 M	30.0	10/24/84 04/22/85	3.4 .1	26.6 29.9	5117
325/12E-24B03 M	10.0	10/29/84 04/22/85	2.1 2.1	7.9 7.9	5117	325/13E-30M03 M	30.0	10/24/84 04/22/85	5.7 4.8	24.3 25.2	5117
323/12E-24B02 M	10.0	10/29/84 04/22/85	3.3 3.3	6.7 6.7	5117	325/13E-30P02 M	28.3	10/03/84	21.2	7.1	5117
325/12E-24B03 M	10.0	10/29/84 04/22/85	1.7 .4	8.3 9.6	5117	325/13E-30R02 M	46.5	10/03/84 04/11/85	38.5 39.0	8.0 7.5	5117
T-10.C T-10.C1	ARROYO GRANDE HA OCEANO HSA					325/13E-31G01 M	12.0	10/03/84 04/22/85	3.6 4.5	8.4 7.5	5117
315/13E-36R01 M	395.0	10/03/84	22.1	372.9	5117	325/13E-31M07 M	19.0	10/03/84 04/11/85	9.6 8.2	9.4 10.8	5117
315/14E-32G03 M	365.5	10/03/84 04/04/85	29.2 43.0	336.3 322.5	5117	325/13E-32B03 M	70.0	10/04/84 10/15/84 04/09/85	58.2 60.9 57.0	11.8 9.1 13.0	5117
315/14E-32M03 M	365.0	10/03/84 04/04/85 09/30/85	25.0 35.3 25.2	340.0 329.7 339.8	5117	325/13E-32B03 M	81.4	10/13/84 04/09/85	68.7 73.0	12.7 8.4	5117
325/13E-12C03 M	271.0	04/04/85 09/30/85	28.6 35.8	244.4 235.2	5117	325/13E-32J02 M	39.9	10/03/84 04/11/85	33.9 29.1	6.0 10.8	5117
325/13E-12F04 M	250.0	10/04/84 05/04/85 09/30/85	35.9 20.1 25.7	214.1 229.9 224.3	5117	325/13E-32L07 M	20.0	10/03/84 04/11/85	15.6 13.4	4.4 8.8	5117
325/13E-12M01 M	231.0	10/04/84 04/05/85 07/22/85 09/30/85	25.9 23.2 25.7 24.8	205.1 207.8 205.3 206.2	5117	325/13E-32M03 M	20.0	10/05/84 04/08/85	15.2 8.7	4.8 11.3	5117
325/13E-12Q03 M	237.5	10/04/84 07/22/85 09/30/85	35.0 42.0 38.4	202.5 195.5 199.1	5117	325/13E-33A05 M	80.0	04/08/85	10.3	69.7	5117
325/13E-13Q04 M	224.0	10/13/84 07/22/85	68.8 41.3	155.2 182.7	5117	325/13E-33C04 M	61.5	10/05/84 04/28/85	47.6 47.5	13.9 14.0	5117
325/13E-14Q02 M	174.0	10/04/84 04/05/85	37.8 53.3	136.4 122.7	5117	325/13E-33F01 M	44.0	10/05/84 04/08/85	31.4 27.4	16.5 20.6	5117
325/13E-14A03 M	200.0	04/05/85	41.0	159.0	5117	325/13E-33K03 M	52.3	10/05/84 04/28/85	42.8 35.7	9.7 16.6	5117
325/13E-23C01 M	185.0	10/04/84 04/05/85	30.8 25.0	154.2 160.0	5117	12N/35V-28J02 S	180.0	04/08/85	92.3	127.7	5117
						12N/35V-29L01 S	40.0	10/09/84 10/19/84	27.7 22.1	12.3 17.9	5117

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-10 T-10.C T-10.C1	CENTRAL COAST M8 ESTERO GAY NU ARROYO GRANDE MA OCEANO MSA					T T-10 T-10.C T-10.C2	CENTRAL COAST M8 ESTERO GAY NU ARROYO GRANDE MA NIPOMO MESA MSA				
12N/35N-29N01 S	35.0	10/13/84 10/18/84 04/08/85	16.9 17.6 13.4	18.1 17.4 21.6	5117	12N/35N-33002 S	339.0	10/09/84 04/15/85	141.9 141.2	157.1 157.8	5117
12N/35N-30K02 S	27.5	10/18/84 04/08/85	14.3 14.2	13.2 13.3	5117	12N/35N-34G08 S	189.0	10/05/84	34.7	154.3	5117
12N/35N-30K03 S	30.0	10/15/84 04/08/85	13.0 8.4	17.0 21.6	5117						
12N/35N-30M02 S	21.8	04/08/85	8.5	13.3	5117						
12N/35N-30P02 S	26.0	04/08/85	8.5	17.5	5117						
12N/35N-34C03 S	158.0	04/08/85	22.4	135.6	5117						
12N/35N-34G06 S	198.0	10/05/84 04/08/85	31.3 24.0	166.7 174.0	5117						
T-10.C2	NIPOMO MESA MSA										
11N/34N-17804 S	325.0	04/18/85	26.9	298.1	5117						
11N/34N-18P01 S	295.0	04/17/85	326.0	-31.0	5117						
11N/34N-19Q01 S	305.0	10/12/84 04/18/85	254.1 239.4	50.9 65.6	5117						
11N/35N-02F01 S	380.0	10/09/84 04/11/85	333.9 332.6	46.1 47.4	5117						
11N/35N-02G01 S	399.5	10/09/84 04/11/85	93.1 91.5	306.4 308.0	5117						
11N/35N-02G02 S	399.5	10/09/84 04/04/85 04/11/85	223.0 232.9 232.7	176.5 166.6 166.8	5117						
11N/35N-02N01 S	248.0	10/01/84 04/17/85	227.8 217.7	20.2 30.3	5117						
11N/35N-05G01 S	209.0	10/10/84	115.5	93.5	5117						
11N/35N-05G02 S	210.0	10/10/84 04/15/85	118.9 108.9	91.1 101.1	5117						
11N/35N-05L01 S	108.0	10/10/84	108.1	-1	5117						
11N/35N-05N02 S	99.5	10/10/84 04/16/85	107.6 97.8	-8.1 1.7	5117						
11N/35N-05R01 S	100.0	04/15/85	116.5	-16.5	5117						
11N/35N-06J01 S	100.0	10/10/84 04/15/85	74.7 73.5	25.3 26.5	5117						
11N/35N-07A01 S	100.0	10/10/84	89.9	10.1	5117						
11N/35N-09K04 S	182.0	10/10/84 04/16/85	163.9 165.5	18.1 16.5	5117						
11N/35N-10R01 S	277.0	10/12/84 04/17/85	175.8 186.0	101.2 91.0	5117						
11N/35N-11801 S	385.0	10/12/84 04/17/85	337.0 319.0	48.0 66.0	5117						
11N/35N-11C01 S	267.0	10/12/84 04/17/85	239.5 242.9	27.5 24.1	5117						
11N/35N-11J01 S	352.0	10/12/84 04/17/85	292.3 287.2	59.7 64.8	5117						
11N/35N-12E02 S	360.0	10/12/84 11/20/84	331.7 326.4	28.3 33.6	5117						
11N/35N-13C01 S	345.0	10/12/84	288.1	56.9	5117						
11N/35N-13E02 S	305.0	10/12/84 04/17/85	249.1 248.0	55.9 57.0	5117						
11N/35N-13E03 S	305.0	10/12/84	239.4	65.6	5117						
11N/35N-16801 S	193.0	10/10/84 04/16/85	190.6 200.0	2.4 -7.0	5117						
11N/35N-17E01 S	89.0	10/15/84 04/15/85	60.5 62.0	28.5 27.0	5117						
11N/35N-24001 S	321.0	10/12/84 04/17/85	190.4 198.6	130.6 122.4	5117						
12N/35N-32G01 S	153.0	10/15/84 04/12/85	177.9 171.7	-24.9 -18.7	5117						
12N/35N-32J02 S	245.0	10/28/84 04/12/85	170.8 170.7	74.2 74.3	5117						
12N/35N-33E01 S	258.5	10/09/84 04/16/85	135.7 135.7	122.8 122.8	5117						
12N/35N-33J02 S	300.0	10/09/84 04/12/85	184.8 250.7	115.2 49.3	5117						
12N/35N-33L01 S	304.5	10/09/84 04/12/85	284.9 278.9	19.6 25.6	5117						
12N/35N-33M01 S	246.0	10/09/84 04/12/85	256.5 249.2	-10.5 -3.2	5117						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-11	CENTRAL COAST NB CARRIZO PLAIN HU					T T-12 T-12.A	CENTRAL COAST NB SANTA MARIA HU GUADALUPE HA				
295/17E-13R02 M	2037.9	05/03/85	78.8(1)	1959.1	5117	10N/33W-18G01 S	273.0	10/01/84 01/02/85 04/01/85	68.0 70.0 75.0	205.0 203.0 198.0	5404
295/18E-28G01 M	2022.0	10/26/84 05/03/85	34.0 34.0	1988.0 1988.0	5117	10N/33W-19G01 S	275.0	10/01/84 01/02/85 04/01/85	70.0 74.4 79.2	205.0 200.6 195.8	5404
295/18E-28K01 M	2020.0	10/26/84 05/03/85	21.6 23.2	1998.4 1994.8	5117	10N/33W-27G01 S	338.0	10/01/84 01/02/85 04/01/85	42.0 45.5 52.0	296.0 292.5 276.0	5404
305/18E-01B02 M	2020.0	10/26/84	38.7	1981.3	5117	10N/33W-28A01 S	325.0	10/01/84 01/02/85 04/01/85	43.0 49.3 54.7	282.0 275.7 270.3	5404
305/18E-02N01 M	1984.0	10/26/84	10.5	1973.5	5117	10N/33W-30G01 S	320.0	10/01/84 01/02/85 04/01/85	168.0 170.4 172.5	152.0 149.6 147.5	5404
305/18E-03D01 M	2000.0	10/26/84	12.8	1987.2	5117	10N/33W-30N01 S	310.0	10/01/84 01/02/85 04/01/85	54.4 55.5 56.7	255.6 254.5 253.3	5404
305/19E-29M02 M	1943.0	10/26/84	9.5	1933.5	5117	10N/33W-30M01 S	310.0	10/01/84 01/02/85 04/01/85	178.0 180.9 181.4	132.0 129.1 128.6	5404
315/21E-31B01 M	1994.0	10/26/84	36.4	1957.6	5117	10N/33W-30R01 S	310.0	10/01/84 01/02/85 04/01/85	138.7 139.8 140.0	171.3 170.2 170.0	5404
325/20E-12P01 M	1955.0	10/26/84	31.2	1923.8	5117	10N/34W-02R01 S	230.0	10/01/84 01/02/85 04/01/85	94.3 97.5 99.5	135.7 132.5 130.5	5404
325/20E-25F01 M	2310.0	10/26/84	20.2	2289.8	5117	10N/34W-06N01 S	192.0	10/01/84 01/02/85 04/01/85	83.8 84.0 84.5	88.2 88.0 87.5	5404
325/20E-25M01 M	2170.0	10/26/84	19.9	2154.1	5117	10N/34W-09L02 S	189.0	10/01/84 01/02/85 04/01/85	74.2 73.5 75.0	114.8 115.5 115.0	5404
325/21E-23L02 M	2034.0	10/26/84	68.1	1965.9	5117	10N/34W-22R01 S	217.0	10/01/84 01/02/85 04/01/85	90.0 89.0 88.5	127.0 128.0 128.5	5404
325/21E-35C01 M	2133.5	10/26/84	160.5	1973.0	5117	10N/34W-23M01 S	242.0	10/01/84 01/02/85 04/01/85	117.0 117.0 118.4	125.0 125.0 123.6	5404
						10N/34W-24K02 S	244.0	10/01/84 01/02/85 04/01/85	125.2 129.0 133.5	117.8 115.0 110.5	5404
						10N/34W-24K03 S	254.0	10/01/84 01/02/85 04/01/85	139.0 138.4 138.2	115.0 115.6 117.8	5404
						10N/35W-06A01 S	72.0	10/15/84 04/19/85	7.3 6.0	64.7 66.0	5117
						10N/35W-06A02 S	72.0	10/15/84 04/19/85	7.7 6.2	64.3 65.8	5117
						10N/35W-06A03 S	72.0	10/15/84 04/19/85	17.7 11.6	54.3 60.4	5117
						10N/35W-09F01 S	86.0	10/01/84 01/02/85 04/01/85	34.8 34.2 34.5	93.2 93.8 93.5	5404
						10N/35W-12M01 S	138.0	10/01/84 01/02/85 04/01/85	73.6 72.7 70.0	64.4 63.3 68.0	5404
						10N/35W-21B01 S	94.0	10/01/84 01/02/85 04/01/85	86.3 85.3 86.8	27.7 27.7 27.2	5404
						10N/35W-24B01 S	145.0	10/01/84 01/02/85 04/01/85	66.0 66.0 65.6	79.0 79.0 79.4	5404
						10N/36W-01M01 S	139.2	10/15/84 04/19/85	117.8 104.9	21.4 34.3	5117
						10N/36W-02C07 S	10.0	10/29/94	5.9	4.1	5117
						11N/34W-05K01 S	378.0	10/12/84	28.3	351.7	5117
						11N/34W-08R01 S	340.0	10/11/84 04/18/85	20.7 30.4	310.3 309.6	5117
						11N/34W-09P01 S	375.0	10/12/84 04/18/85	92.4 88.0	282.6 287.0	5117
						11N/34W-27001 S	295.0	10/12/84 04/18/85	108.7 109.9	186.3 186.1	5117
						11N/34W-27E01 S	303.5	10/12/84	178.8	124.7	5117
						11N/34W-30002 S	145.0	10/10/84 04/19/85	90.7 79.5	54.3 85.5	5117
						11N/34W-30001 S		10/01/84 04/01/85	NM-7 NM-7		5404



TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-12 T-12.A	CENTRAL COAST MB SANTA MARIA HU GUADALUPE HA					T-14 T-14.A	CENTRAL COAST MB SANTA YNEZ HU LOMPOC HA				
11N/35W-19C02 S	37.0	10/10/84 04/19/85	4.6 4.0	32.4 33.0	5117	06N/34W-04604 S	97.5	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	46.5 46.5 46.3 46.2 46.4 46.7 47.3 48.3 49.1 49.2 49.9 50.5	51.0 51.0 51.2 51.3 51.1 50.8 50.2 49.2 48.4 48.3 47.6 47.0	5001
11N/35W-19E02 S	34.0	10/27/84	7.4	26.6	5117						
11N/35W-20E01 S		10/01/84 04/01/85	NM-7 NM-7		5404						
11N/35W-21K01 S	80.0	04/19/85	41.0	39.0	5117						
11N/35W-26M02 S	106.0	04/18/85	40.0	66.0	5117						
11N/35W-28F02 S	80.0	10/15/84 04/19/85	12.3 13.1	67.7 66.9	5117	07N/34W-22F02 S	89.9	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	41.5 41.2 40.8 40.6 40.5 40.9 41.7 42.0 42.4 42.8 43.6 43.7	48.4 48.7 49.1 49.3 49.4 49.0 48.2 47.9 47.5 47.1 46.3 46.2	5001
11N/35W-28M01 S	77.0	10/01/84 01/02/85 04/01/85	23.5 25.0 25.5	53.5 52.0 51.5	5404						
11N/35W-33G01 S	90.0	10/01/84 10/10/84 01/02/85 04/01/85 04/18/85	26.3 36.8 34.0 35.9 36.0	63.7 53.2 56.0 54.7 54.0	5404 5117 5404 5117						
11N/35W-35A01 S	123.0	10/01/84 01/02/85 04/01/85	48.0 48.0 47.5	75.0 75.0 75.5	5404	07N/34W-22M06 S	100.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	38.9 39.2 41.2 38.4 NM-1 38.0 NM-1 40.6 44.2 44.7 41.4 41.7	61.1 60.8 58.8 61.6 62.0 62.0 59.4 55.8 55.3 56.6 56.3	5001
11N/36W-13K02 S	25.0	10/15/84	21.0	4.0	5117						
11N/36W-13K03 S	25.0	10/15/84	19.7	5.3	5117						
11N/36W-13K04 S	25.0	10/15/84	19.9	5.1	5117						
11N/36W-13K05 S	25.0	10/15/84	15.9	9.1	5117						
11N/36W-13K06 S	25.0	10/15/84	15.9	9.1	5117						
11N/36W-35J06 S	30.0	10/29/84	5.5	24.5	5117	07N/34W-23L01 S	103.4	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	48.9 48.1 46.6 46.9 46.6 47.2 NM-1 47.3 50.4 50.9 50.5 50.4	54.9 55.3 56.8 56.5 56.8 56.2 56.1 53.0 52.5 52.9 53.0	5001
T-12.B	SISOUOC HA										
09N/32W-07N01 S	422.0	10/01/84 01/02/85 04/01/85	70.7 70.5 74.5	351.3 351.5 347.5	5404						
09N/33W-02A01 S	378.7	10/01/84 01/02/85 04/01/85	59.5 61.9 64.0	319.2 316.8 314.7	5404						
T-12.C	CUYAMA VALLEY HA										
07N/23W-16R01 S	3725.0	10/16/84 04/10/85	24.0 26.6	3701.0 3698.4	5121	07N/34W-25001 S	127.3	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	71.2 69.4 68.6 68.0 67.9 69.2 70.6 74.0(2) 71.6 75.7(2) 73.2(6) 72.4	56.1 57.9 56.7 59.3 59.4 58.1 56.7 53.3 55.7 51.6 54.1 54.9	5001
07N/24W-15C02 S	3416.0	10/15/84 04/10/85	21.7 21.7	3396.3 3396.3	5121						
08N/24W-06L01 S	3050.0	10/15/84 04/10/85	82.8 92.4	2967.2 2957.6	5121						
						07N/34W-25F01 S	136.6	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	79.2 78.1 80.0 76.6 76.4 78.7 80.5 79.4(2) 84.4 82.6 81.4 81.1	57.4 58.5 56.6 59.8 60.2 57.9 56.1 57.2 52.2 54.0 53.2 55.5	5001
						07N/34W-25P01 S	119.2	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	56.3 56.4 56.3 56.1 55.9 56.3 59.0(2) 58.3 58.7 61.5(2) 60.1	62.9 62.8 62.9 63.1 63.3 60.9 60.2 60.9 59.7 57.7 59.1	5001
						07N/34W-26F07 S	112.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	55.6 54.4 54.3 53.7 53.0 53.2 NM-1 54.9 NM-1 NM-1 NM-1 49.1	56.4 57.6 57.7 58.3 59.0 58.8 57.1 57.1 57.1 57.1 52.9	5001
						07N/34W-26M02 S	109.8	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	52.0 49.7 50.0 50.0 53.0 53.2 NM-1 54.9 NM-1 NM-1 NM-1 49.7	57.8 60.1 59.4 59.8 59.0 58.8 57.1 57.1 57.1 57.1 61.1	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-24 T-14.A	CENTRAL COAST NB SANTA YNEZ HU LOMPOC NA					T T-24 T-14.A	CENTRAL COAST NB SANTA YNEZ HU LOMPOC NA				
07N/34W-26M02 S	109.8	03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	NH-1 31.4 30.1 NM-1 34.4 34.4 34.0	36.4 39.7  35.4 35.4 35.8	5001	07N/34W-34F06 S	119.5	08/27/85 09/28/85	76.0(5) 55.0(5)	43.5 64.5	5001
07N/34W-26M03 S	112.9	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	34.3 32.9 32.4 32.0 31.8 32.3 33.4 34.3 34.6 36.0 36.3 36.5	38.6 60.0 60.5 60.9 61.1 60.6 59.5 58.6 58.1 58.9 58.6 56.4	5001	07N/34W-34R01 S	118.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	49.4 48.7 48.5 49.1 49.4 49.5 49.8 51.9 51.2 51.3 51.5 51.9	68.6 69.3 69.5 68.9 68.6 68.5 68.2 66.1 66.8 66.7 66.5 66.1	5001
07N/34W-26R05 S	91.0	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	31.0 49.5 49.1 47.4 45.9 45.9 37.5 30.6 30.9 36.6 32.8 39.6	40.0 41.5 41.9 43.6 45.1 45.1 33.5 40.4 40.1 34.4 38.2 31.4	5001	07N/34W-35K09 S	101.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	30.5 30.2 21.6 19.9 20.1 20.9 20.9 19.9 20.6 20.8 31.3 32.4	70.5 70.8 79.4 81.1 80.9 81.1 80.4 79.7 73.2 71.2 69.7 68.6	5001
07N/34W-27F04 S	96.7	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	48.4 48.8 48.0 44.1 44.8 43.6 45.8 47.8 NM-1 49.3 32.6 32.4	48.3 49.9 48.7 52.6 51.9 51.1 50.9 48.9  47.4 44.1 44.3	5001	T-14.B SANTA RITA NA					
07N/34W-27F04 S	96.7	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	48.4 48.8 48.0 44.1 44.8 43.6 45.8 47.8 NM-1 49.3 32.6 32.4	48.3 49.9 48.7 52.6 51.9 51.1 50.9 48.9  47.4 44.1 44.3	5001	06N/32W-16K01 S	260.2	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/29/85 07/23/85 08/26/85 09/26/85	13.4 8.0 7.1 7.2 7.1 6.9 7.3 10.6 11.2 11.9 13.8 14.4	246.8 252.2 253.1 253.0 253.1 253.3 252.9 249.6 249.0 248.3 246.4 245.4	5001
07N/34W-27L01 S		10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	NH-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		5001	06N/32W-17E02 S		10/25/84 11/27/84	NH-4 NM-0		5001
07N/34W-27L01 S		10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	NH-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		5001	06N/32W-17J02 S	256.0	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/29/85 07/24/85 08/27/85 09/27/85	12.2 11.6 10.2 10.3 10.1 10.3 10.4 10.7 11.3 11.8 12.5 13.1	243.8 244.4 245.6 245.7 245.9 245.7 245.6 245.3 244.7 244.2 243.5 242.9	5001
07N/34W-27P03 S	92.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	46.2(5) 46.2(5) 45.2(5) 46.2(5) 44.2(5) 44.2(5) 43.2(5) 45.2(5) 46.2(5) 48.2(5) 50.2(5) 50.2(5)	45.8 45.8 46.8 45.8 47.8 47.8 48.8 46.8 45.8 41.8 41.8 41.8	5001	06N/32W-17L01 S	249.3	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/29/85 07/24/85 08/27/85 09/27/85	16.1 15.8 13.9 14.2 14.1 14.7 15.2 15.1 15.4 16.3 17.5	233.2 233.5 235.5 235.1 235.2 234.6 234.1  233.9 233.0 231.8	5001
07N/34W-34A03 S	111.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	NH-1 47.5(5) 42.5(5) NM-1 NM-7 38.5(5) NM-1 44.5(5) NM-1 NM-1 51.5(5) NM-1	63.5 68.5    72.5 66.5   59.5	5001	06N/32W-18C02 S	237.7	10/25/84 11/27/84 12/26/84 01/24/85 02/26/85 03/26/85 04/26/85 05/29/85 06/29/85 07/24/85 08/27/85 09/27/85	11.7 10.8 9.5 NM-1 8.7 8.4 NM-1 NM-1 NM-1 NM-1 NM-1	226.0 226.9 228.2  229.0 229.3   229.7 228.0 228.2	5001
07N/34W-34R01 S	102.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	NH-1 54.7(5) NM-1 50.7(5) 49.7(5) 48.7(5) NM-1 51.7(5) NM-1 57.7(5) NM-1 NM-1	47.3   51.3 52.3 53.3  50.3  44.3	5001	06N/33W-06K01 S		10/25/84 11/27/84 12/26/84 01/28/85	NH-7 NM-7 NM-7 NM-0		5001
07N/34W-34F06 S	119.5	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	31.0(5) 48.1(5) 50.1(5) 48.1(5) 47.1(5) 50.1(5) 48.1(5) 48.1(5) 48.1(5) 53.0(5) 54.0(5)	68.5 70.4 69.4 71.4 72.4 69.4 71.4 66.5 66.5 65.5	5001	06N/33W-07A01 S	102.0	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/28/85 07/24/85 08/27/85 09/27/85	52.3 52.0 47.7 47.5 47.4 47.6 47.8 49.0 49.6 50.4 51.4 52.8	129.7 130.0 134.3 134.5 134.6 134.4 134.2 133.0 132.4 131.6 130.6 129.2	5001
07N/34W-34F06 S	119.5	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	31.0(5) 48.1(5) 50.1(5) 48.1(5) 47.1(5) 50.1(5) 48.1(5) 48.1(5) 48.1(5) 53.0(5) 54.0(5)	68.5 70.4 69.4 71.4 72.4 69.4 71.4 66.5 66.5 65.5	5001	06N/33W-07E01 S	130.2	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85	21.9 21.3 19.3 17.3 17.4	108.3 108.9 110.9 112.9 112.8	5001

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-14 T-14.8	CENTRAL COAST HB SANTA YNEZ HU SANTA RITA MA					T T-14 T-14.8	CENTRAL COAST HB SANTA YNEZ HU SANTA RITA MA				
06N/33W-07E01 5	130.2	01/26/85 04/26/85 05/30/85	17.6 17.7 NM-6	112.6 112.5	5001	06N/34W-01R01 5	139.8	11/28/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85	27.9 23.2 23.7 23.7 23.7 23.5 23.2	111.9 114.6 116.1 116.1 116.1 116.3 114.6	5001
06N/33W-08E02 5	175.0	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	33.9 30.9 26.3 26.4 26.2 NM-1 NM-1 30.1 27.1 31.4 NM-1 34.1	141.1 144.1 148.3 148.6 148.8	5001	06N/34W-02A06 5	129.8	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	42.4 42.4 39.6 39.5 39.4 39.4 NM-1 NM-1 39.4 42.7	87.4 87.4 90.2 90.3 90.4 90.4 90.7 87.1	5001
06N/33W-08E02 5	198.3	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	47.8 47.0 44.3 43.7 43.7 43.6 43.8 44.6 43.4 46.6 48.1 49.0	130.3 131.3 133.8 134.6 134.7 134.5 133.7 132.9 131.3 130.2 149.3	5001	06N/34W-12C01 5	133.4	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	43.4 42.6 42.3 49.4(2) 43.4 48.3(2) 42.7 49.4(2) 44.3 44.0 46.8 47.2	108.0 110.6 111.1 103.0 110.0 103.1 110.7 104.0 109.1 109.4 106.6 106.2	5001
06N/33W-08J01 5	200.5	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	43.8 43.1 40.9 40.1 40.1 40.3 40.7 42.8 42.3 43.0 44.7 43.6	156.7 137.4 139.6 160.4 160.4 160.2 139.8 137.7 138.2 137.3 135.8 134.9	5001	T-14.C 8UELLTON MA					
06N/33W-09001 5	213.6	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	52.2 52.4 49.1 51.7 50.7 50.2 51.0 51.8 52.3 52.7 53.1 53.7	163.4 163.2 166.5 163.9 164.9 163.4 164.6 163.8 163.3 162.9 162.5 161.9	5001	06N/31W-17001 5	340.6	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	24.4 22.3 20.7 20.3 20.1 20.3 22.8 24.9 27.2 30.3 NM-1 26.0	316.2 316.3 319.9 320.3 320.5 320.3 317.8 315.7 313.4 310.3 312.6	5001
06N/33W-10M01 5	223.0	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	44.3 43.2 43.8 43.9 43.9 43.8 44.0 42.0 42.7 NM-1 43.3 43.4	180.5 181.8 181.2 181.1 181.1 181.2 181.0 183.0 182.3	5001	06N/31W-17H02 5	347.0	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	25.8 25.2 23.3 22.4 24.1 23.7 NM-1 27.6 26.1 NM-1 26.4 23.6	321.2 321.8 323.7 324.6 322.9 323.3 319.4 320.9 320.6 321.4	5001
06N/33W-11M01 5	203.8	10/23/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	12.6 12.4 10.1 10.3 NM-1 10.0 10.3 NM-7 11.7 13.2 14.2 11.3	191.2 191.4 193.7 193.5 193.8 193.5 192.1 190.6 189.6 190.3	5001	06N/31W-17R01 5	364.2	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	32.0 26.7 29.7 29.8 27.7 27.6 29.3 33.4(4) 32.3 36.2 32.0 32.3	332.2 333.3 334.3 334.4 336.3 336.4 334.7 330.8 331.9 328.0 332.2 331.9	5001
06N/31W-12L01 5	223.3	10/23/84 11/26/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	20.0 19.9 17.2 16.4 16.4 16.7 16.4 16.1 18.6 19.7 20.1 20.9	203.9 203.6 206.3 207.1 207.1 206.9 207.1 203.4 204.9 203.8 203.4 202.6	5001	06N/31W-18G01 5	334.3	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	25.0 23.1 19.4 19.0 18.9 18.9 19.8 21.3 20.3 23.1 24.3 26.3	309.3 311.2 314.9 315.3 313.4 313.4 314.3 313.0 313.8 309.2 310.0 307.8	5001
06N/34W-01G02 5	116.7	10/23/84 11/28/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	11.5 10.6 10.2 10.0 10.0 9.0 10.3 10.6 11.0 11.7 12.2 12.6	105.2 106.1 106.3 106.7 106.7 107.7 106.4 106.1 103.7 103.0 104.5 104.1	5001	06N/32W-09G01 5	303.0	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	36.7 34.1 33.8 33.8 33.6 33.7 34.4 36.1 36.4 37.2 37.4 37.5	268.3 270.9 271.2 271.2 271.4 271.3 270.6 268.9 268.6 267.8 267.6 267.3	5001
06N/34W-01R01 5	139.8	10/23/84	28.2	111.6	5001	06N/32W-09J03 5	277.3	10/23/84 11/27/84 12/26/84 01/24/85	12.6 12.4 11.8 12.0	264.9 263.1 263.7 263.3	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-14 T-14.C	CENTRAL COAST NB SANTA YNEZ NU BUELLTON NA					T-14 T-14.0	CENTRAL COAST NB SANTA YNEZ NU LOS OLIVOS NA				
06N/32W-09J03 5	277.3	02/23/85	11.8	265.7	5001	06N/30W-20H02 5	476.4	03/28/85	9.9(2)	466.6	5001
		03/23/85	12.0	265.5				06/24/85	12.3	464.1	
		04/26/85	13.0	264.5				07/23/85	16.5(2)	459.9	
		05/29/85	12.4	265.1				08/26/85	10.6(2)	463.6	
		06/23/85	14.1	263.4				09/26/85	8.3	468.1	
		07/23/85	14.2	263.3		06N/30W-21B02 5	498.7	10/23/84	12.2	486.5	5001
		08/26/85	14.2	263.3				11/26/84	9.6	489.1	
		09/26/85	13.3	264.2				12/24/84	8.2	490.5	
06N/32W-10J01 5	317.2	10/25/84	33.6	281.6	5001			01/24/85	9.6	489.1	
		11/27/84	33.3	281.9				02/25/85	9.3	489.4	
		12/26/84	34.0	283.2				03/25/85	NM-1		
		01/28/85	33.7	283.5				04/25/85	NM-1		
		02/26/85	33.6	283.6				05/28/85	NM-1		
		03/26/85	33.7	283.5				06/24/85	9.8	488.9	
		04/26/85	34.0	283.2				07/23/85	15.0	483.7	
		05/29/85	33.2	282.0				08/26/85	NM-1		
		06/27/85	33.6	281.6				09/26/85	8.8	489.9	
		07/23/85	36.3	280.8		06N/30W-21E01 5	490.7	10/23/84	16.7	474.0	5001
		08/26/85	36.4	280.8				11/26/84	15.4	475.3	
		09/26/85	36.4	280.8				12/24/84	15.2	479.3	
06N/32W-11B01 5	298.5	10/23/84	14.1	284.4	5001			01/24/85	15.1	475.6	
		11/26/84	13.7	284.8				02/25/85	15.0	475.7	
		12/24/84	13.0	285.5				03/25/85	13.8	474.9	
		01/24/85	12.7	285.8				04/25/85	18.2	472.5	
		02/25/85	12.6	285.9				05/28/85	21.9	468.8	
		03/25/85	12.6	285.9				06/24/85	16.7	474.0	
		04/25/85	13.0	285.5				07/23/85	21.4	469.3	
		05/29/85	13.7	284.8				08/26/85	15.1	475.6	
		06/25/85	14.7	283.8				09/26/85	17.1	473.6	
		07/23/85	14.7	283.8		06N/30W-24E03 5	550.4	10/24/84	24.3	526.1	5001
		08/26/85	NM-1					11/26/84	19.4	531.0	
		09/26/85	15.1	283.4				12/23/84	18.9	531.5	
06N/32W-11L02 5	300.3	10/25/84	9.8	290.5	5001			01/24/85	19.4	531.0	
		11/27/84	9.5	290.8				02/25/85	18.8	531.6	
		12/26/84	8.9	291.4				03/25/85	22.5	527.9	
		01/28/85	8.7	291.6				04/22/85	32.6	517.8	
		02/26/85	9.4(16)	290.9				05/28/85	23.0	527.4	
		03/26/85	12.0(16)	288.3				06/24/85	25.7	524.7	
		04/26/85	8.9	291.4				07/23/85	32.1(12)	518.3	
		05/29/85	NM-1					08/26/85	24.7(2)	525.7	
		06/27/85	11.0	289.3				09/26/85	18.5	531.9	
		07/23/85	NM-1			06N/30W-29E01 5	465.0	10/23/84	19.2	445.8	5001
		08/26/85	12.2	288.1				11/26/84	21.0	444.0	
		09/26/85	12.4	287.9				12/24/84	21.7	443.3	
06N/32W-12P08 5	300.0	10/23/84	17.9	282.1	5001			01/24/85	21.9	443.1	
		11/26/84	14.6	283.4				02/25/85	22.3	442.7	
		12/24/84	12.7	287.3				03/25/85	22.7	442.3	
		01/24/85	12.8	287.2				04/25/85	23.1	441.9	
		02/25/85	12.6	287.4				05/28/85	23.9	441.1	
		03/25/85	12.5	287.5				06/24/85	19.1	445.9	
		04/25/85	12.8	287.2				07/23/85	21.4	443.6	
		05/29/85	NM-1					08/26/85	16.9	448.1	
		06/25/85	17.1	282.9				09/26/85	19.0	446.0	
		07/23/85	18.5	281.5		06N/31W-22F01 5	400.0	10/23/84	11.9	388.1	5001
		08/26/85	17.7	282.3				11/26/84	7.5	392.5	
		09/26/85	18.3	281.7				12/24/84	7.7	392.3	
06N/32W-12B01 5		10/23/84	ORY		5001			01/24/85	7.4	392.6	
		11/26/84	ORY					02/25/85	7.7	392.3	
		12/24/84	12.3	305.4				03/25/85	8.2	391.8	
		01/24/85	12.9	304.8				04/25/85	10.0	390.0	
		02/25/85	12.7	305.0				05/28/85	14.9	385.1	
		03/25/85	12.7	305.0				06/24/85	1.2	398.8	
		04/25/85	12.8	304.9				07/23/85	11.9	388.1	
		05/29/85	ORY					08/26/85	11.0	389.0	
		06/25/85	ORY					09/26/85	10.5	389.5	
		07/23/85	ORY			06N/31W-23L01 5	418.5	08/26/85	12.0	406.5	5001
		08/26/85	ORY					09/26/85	12.2	406.3	
		09/26/85	ORY			06N/31W-24F01 5	429.0	10/23/84	13.6	415.4	5001
07N/34W-26B04 5	108.4	10/26/84	52.2	56.2	5001			11/26/84	12.4	416.6	
		11/28/84	50.8	57.6				12/24/84	10.3	418.7	
		12/27/84	51.3	57.1				01/24/85	9.6	419.4	
		01/29/85	50.1	58.3				02/25/85	10.1	418.9	
		02/28/85	50.4	58.0				03/25/85	9.6(4)	419.4	
		03/28/85	50.5	57.9				04/25/85	NM-1		
		04/27/85	53.7	54.7				05/28/85	14.6	414.4	
		05/30/85	51.6	56.8				06/24/85	NM-1		
		06/27/85	53.1	55.3				07/23/85	12.4	416.6	
		07/23/85	53.7	54.4				08/26/85	NM-1		
		08/26/85	54.0	54.4				09/26/85	NM-1		
		09/26/85	53.8	54.6		06N/31W-24K01 5	427.0	10/23/84	4.4	422.6	5001
T-14.0	LOS OLIVOS NA							11/26/84	3.8	423.2	
06N/30W-19B02 5	458.3	10/23/84	12.7	445.6	5001			12/24/84	2.7	424.3	
		11/26/84	10.9	447.4				01/24/85	3.1	423.9	
		12/24/84	10.3	448.0				02/25/85	3.0	424.0	
		01/24/85	10.7	447.6				03/25/85	3.2	423.6	
		02/25/85	10.6	447.7				04/25/85	4.7	422.3	
		03/25/85	11.0	447.3				05/28/85	8.2	418.8	
		04/25/85	13.7	444.6				06/24/85	4.8	422.2	
		05/28/85	17.8	440.5				07/23/85	5.9	421.1	
		06/24/85	13.9	444.4				08/26/85	4.3	422.7	
		07/23/85	15.2	443.1				09/26/85	3.9	423.1	
		08/26/85	12.6	445.7							
		09/26/85	12.3	446.0							
06N/30W-20H02 5	476.4	10/23/84	10.9	465.5	5001			11/26/84	11.2	465.2	
		11/26/84	12.3	464.1				12/24/84	11.2	465.2	
		12/24/84	11.2	465.2				01/24/85	12.3	464.1	
		02/25/85	12.1	464.3				03/25/85	13.2	463.2	
		03/25/85	13.2	463.2				04/25/85	17.2	459.2	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-15 T-15.8 T-15.82	CENTRAL COAST H8 SOUTH COAST HU COAL OIL POINT HA SANTA BARRARA HSA					T T-15 T-15.8 T-15.82	CENTRAL COAST H8 SOUTH COAST HU COAL OIL POINT HA SANTA BARRARA HSA				
04N/27W-09G01 S	395.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	87.5 88.3 78.3 88.8 89.0 88.9 88.6 89.4 89.9 90.3 97.6 92.6	307.5 306.7 316.7 306.2 306.0 306.1 306.4 305.6 305.1 304.7 297.4 302.4	3774	04N/27W-22B05 S	20.0	12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	75.0 60.4 39.8 30.1 14.9 14.7 21.4 61.8 61.4 60.4	-55.0 -40.4 -39.8 -30.1 5.1 5.3 -1.4 -41.8 -41.4 -40.4	3774
04N/27W-13R01 S	35.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.6 30.9 30.9 31.2 31.6 31.5 30.0 31.4 30.6 30.7 31.4 31.4	4.4 4.1 4.1 3.6 3.4 3.5 5.0 3.6 4.4 4.3 3.6 3.6	3774	04N/27W-23F01 S	4.0	10/01/84 11/01/84 12/03/84	4.7 2.6 2.7	-7.7 1.4 1.3	3774
04N/27W-24B01 S	75.0	10/01/84 11/01/84 12/03/84	83.5 84.3 84.3	-8.5 -9.5 -9.3	3774						
04N/27W-14P01 S	18.0	11/01/84 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	38.2 50.6 23.7 24.0 29.1 51.0 28.2 37.4	-20.2 -32.6 -9.7 -6.0 -11.1 -33.0 -38.2 -39.4	3774						
04N/27W-14R01 S	21.3	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	32.7 35.3 36.4 36.5 36.0 35.8 24.7 23.4 30.2 36.9 33.4	-11.4 -14.0 -15.1 -15.2 -14.7 -34.5 -3.4 -2.1 -8.9 -15.6 -14.1	3774						
04N/27W-15E01 S	145.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	114.3 110.6 113.4 114.2 114.2 114.0 107.3 105.3 110.1 114.3 115.7	30.7 34.4 31.6 30.8 30.8 31.0 37.7 39.7 34.9 30.7 29.3	3774						
04N/27W-15J02 S	11.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	26.2 NM-1 NM-1 NM-1 40.4 11.4 12.2 NM-1 NM-1 49.5 NM-1	-15.2    -29.4 -4 -1.2   -38.5	3774						
04N/27W-22B02 S	20.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.3 64.4 58.3 59.0 39.6 18.0 9.2 23.5 65.8 50.1 61.4	-3.3 -44.4 -38.3 -39.0 -19.6 2.0 10.8 -3.5 -45.8 -30.1 -41.4	3774						
04N/27W-22B03 S	20.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	73.5 24.3 68.4 43.9 43.7 36.4 12.8 9.8 13.0 61.0 41.8 42.7	-53.5 -4.3 -48.4 -23.9 -23.7 -16.4 7.2 10.2 5.0 -41.0 -21.8 -22.7	3774						
04N/27W-22B04 S	20.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	33.2 84.0 61.5 59.8 49.7 24.9 14.4 21.3 74.1 61.2 60.4	-13.2 -64.0 -41.5 -39.8 -29.7 -4.9 5.6 -1.3 -34.1 -41.2 -40.4	3774						
04N/27W-22B05 S	20.0	11/01/84	33.7	-13.7	3774						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-02 U-02.8	LOS ANGELES NB VENTURA RIVER NU UPPER VENTURA RIVER HA					U U-02 U-02.8	LOS ANGELES NB VENTURA RIVER NU UPPER VENTURA RIVER HA				
03N/23W-05801 S	291.9	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	37.6 36.2 34.8 31.7 35.9 37.4	254.3 255.7 257.1 260.2 256.0 254.5	5121	04N/23W-20002 S	425.6	06/14/85 07/26/85	12.6 18.2	413.0 407.4	5121
03N/23W-06K01 S	298.8	10/08/84 11/27/84 02/06/85 04/02/85 06/12/85 07/29/85	18.1 17.3 17.4 16.9 17.6 18.0	280.7 281.5 281.4 281.9 281.2 280.8	5121	04N/23W-28G01 S	402.2	10/08/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	16.2 13.5 13.8 11.4 15.9 19.6	386.0 388.7 388.4 390.8 386.4 382.6	5121
03N/23W-08802 S	246.2	10/12/84 12/07/84 02/07/85 04/08/85 06/14/85 08/02/85	18.6 16.9 13.4 12.3 16.9 17.0	227.6 229.3 232.8 233.9 229.3 229.2	5121	04N/23W-29F02 S	394.1	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	40.4 44.9 14.5 15.3 21.2 28.1	353.7 349.2 379.6 378.8 372.9 366.0	5121
03N/23W-08807 S	239.6	10/08/84 12/10/84 02/06/85 04/02/85 06/12/85 07/29/85	22.1 17.9 16.5 15.0 17.6 20.0	217.5 221.7 223.1 224.6 222.0 219.6	5121	04N/23W-29H04 S	446.7	10/08/84 11/27/84 02/07/85 04/05/85 06/14/85 07/26/85	75.7 75.8 61.3 58.4 69.6 73.9	371.0 370.9 385.4 388.3 381.1 372.9	5121
04N/23W-02K01 S	869.5	10/09/84 12/10/84 02/08/85 04/04/85 06/14/85 07/30/85	1.7 .3 .6 1.0 1.6 1.9	867.8 869.2 868.9 868.5 867.9 867.6	5121	04N/23W-29L01 S	372.0	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	26.8 32.9 8.6 8.9 12.1 14.5	345.2 339.2 363.4 363.1 359.9 355.5	5121
04N/23W-03M01 S	759.4	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/29/85	95.4 94.5 89.0 90.1 93.2 96.1	664.0 664.9 670.4 669.3 666.2 663.3	5121	04N/23W-33M03 S	331.4	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/26/85	12.9 13.0 12.7 11.9 12.8 14.7	318.5 318.4 318.7 319.5 318.6 316.7	5121
04N/23W-04J01 S	700.0	10/08/84 11/27/84 02/07/85 04/03/85 06/12/85 07/29/85	49.7 41.0 31.9 36.2 48.2 52.6	650.3 659.0 668.1 663.8 651.4 647.4	5121	04N/24W-13J04 S	625.8	10/08/84 11/27/84 02/06/85 04/02/85 06/12/85 07/29/85	11.7 9.7 6.9 7.0 8.6 11.0	614.1 616.1 618.9 618.8 617.2 614.8	5121
04N/23W-09801 S	658.1	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	56.9 40.0 18.0 21.5 38.1 63.7	601.2 618.1 640.1 636.6 620.0 594.4	5121	04N/24W-13N01 S	640.4	10/08/84 11/27/84 02/06/85 04/02/85 06/12/85 07/29/85	.3 .3 FLOW FLOW .5 1.2	640.1 640.1 639.9 639.2	5121
04N/23W-11001 S	780.9	10/08/84 11/27/84 02/07/85 04/03/85 06/12/85 07/29/85	37.2 38.0 36.2 36.2 37.1 37.9	743.7 742.9 744.7 744.7 743.8 743.0	5121	05N/23W-33803 S	816.8	10/08/84 11/27/84 02/06/85 04/03/85 06/12/85 07/29/85	13.4 11.1 10.3 11.0 16.0 11.7	803.4 805.7 806.5 805.8 800.8 805.1	5121
04N/23W-15402 S	679.9	10/08/84 11/27/84 02/07/85 04/03/85 06/20/85 07/29/85	89.4 88.6 92.3 87.8 NM-1 91.4	590.5 591.3 587.6 592.1 588.5	5121	05N/23W-33601 S	806.4	10/08/84 11/27/84 02/06/85 04/03/85 06/12/85 07/29/85	NM-1 10.3 9.9 9.8 NM-1 9.0	796.1 796.5 796.6 797.4	5121
04N/23W-16C04 S	557.3	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	47.9 46.1 23.7 24.6 41.4 49.1	509.4 511.2 533.8 532.7 515.9 508.2	5121	U-02.C U-02.C1	OJAI HA UPPER OJAI HSA				
04N/23W-16P01 S	619.1	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/29/85	67.0 69.4 67.4 71.0 67.8 68.2	552.1 549.7 551.7 548.1 551.3 550.9	5121	04N/22W-09002 S	1278.8	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	19.4 19.8 19.8 20.0 20.6 21.0	1259.4 1259.0 1259.0 1258.8 1258.2 1257.6	5121
04N/23W-18G01 S	673.1	10/08/84 11/27/84 02/06/85 04/02/85 06/12/85 07/29/85	23.1 23.6 22.8 22.4 23.8 24.5	650.0 649.5 650.3 650.7 649.3 648.6	5121	04N/22W-10K02 S	1324.9	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	19.0 19.0 18.4 18.4 16.4 18.9	1305.9 1305.9 1306.5 1306.5 1306.5 1306.0	5121
04N/23W-20A01 S	488.5	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	26.9 26.1 7.6 9.9 19.8 25.6	461.6 462.4 480.9 478.6 468.7 462.9	5121	04N/22W-11P02 S	1418.9	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	14.4 13.8 11.7 11.7 13.2 15.9	1404.5 1405.1 1407.2 1407.2 1405.7 1403.0	5121
04N/23W-20J02 S	456.1	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	37.2 NM-7 15.5 17.3 23.1 32.2	418.9 440.6 438.8 431.0 423.9	5121	U-02.C2	OJAI VALLEY HSA				
04N/23W-20Q02 S	425.6	10/10/84 11/21/84 02/08/85 04/05/85	23.1 23.0 4.7 6.1	402.5 402.6 420.9 419.5	5121	04N/22W-04001 S	1040.0	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	88.3 89.0 79.9 72.6 88.2 89.4	951.7 951.0 960.1 967.4 951.8 950.6	5121
						04N/22W-05003 S	805.5	10/09/84 12/10/84 02/07/85	142.2 134.4 120.7	753.3 761.1 774.8	5121

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-02 U-02.C U-02.C2	LOS ANGELES HB VENTURA RIVER HU OJAI MA OJAI VALLEY M54					U U-02 U-02.C U-02.C2	LOS ANGELES HB VENTURA RIVER HU OJAI MA OJAI VALLEY M54				
04N/22W-05D03 S	895.5	04/04/85 06/14/85 07/30/85	126.7 141.5 150.0	768.8 754.0 745.5	5121	05N/22W-32J01 S	1162.6	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	36.3 36.1 36.0 34.7 35.3 35.3	1126.3 1126.5 1126.6 1127.9 1127.3 1127.3	5121
04N/22W-05M04 S	949.3	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	184.6 180.6 172.7 167.7 181.6 190.0	764.7 768.7 776.6 781.6 767.7 759.3	5121						
04N/22W-05L08 S	890.7	10/09/84 12/10/84 02/07/85 04/04/85 06/14/85 07/30/85	135.7 126.1 112.9 116.6 130.3 140.1	755.0 764.6 777.8 774.1 760.4 750.6	5121						
04N/22W-05M01 S	842.4	10/09/84 12/10/84 02/07/85 04/04/85 06/17/85 07/30/85	91.2 81.5 69.1 73.6 95.3 103.7	751.2 760.9 773.3 768.8 747.1 738.7	5121						
04N/22W-06001 S	844.7	10/09/84 12/10/84 02/07/85 04/04/85 06/17/85 07/30/85	82.2 74.1 63.5 63.8 79.3 93.1	762.5 770.6 781.2 780.9 765.4 751.6	5121						
04N/22W-06K03 S	801.1	10/07/84 12/10/84 01/28/85 04/04/85 05/28/85 07/28/85	89.3 51.1 48.3 62.3 77.3 86.3	711.8 750.0 752.8 738.8 723.8 712.8	5121						
04N/22W-06M01 S	794.4	10/09/84 12/10/84 02/07/85 04/04/85 06/17/85 07/30/85	48.3 37.9 27.4 29.7 47.2 52.9	746.1 736.5 767.0 764.7 747.2 741.5	5121						
04N/22W-07A01 S	798.5	10/16/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	66.2 49.9 42.2 47.1 70.3 77.7	732.3 748.6 756.3 751.4 728.2 720.8	5121						
04N/22W-07R02 S	772.6	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	42.1 26.2 19.8 26.3 41.8 52.5	730.5 746.4 756.8 746.3 730.8 720.1	5121						
04N/22W-07B03 S	786.0	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	38.3 37.6 30.0 30.6 36.4 41.8	747.7 748.4 756.0 755.4 749.6 744.2	5121						
04N/22W-07C05 S	763.4	10/16/84 11/27/84 02/07/85 04/08/85 06/20/85 07/29/85	NM-1 19.3 9.7 NM-1 34.4 69.2	744.1 753.7 753.7 709.0 694.2	5121						
04N/22W-07G01 S	769.0	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	21.6 21.6 15.1 15.2 30.1 24.7	747.4 747.4 753.9 753.8 738.9 744.3	5121						
04N/22W-08B02 S	868.7	10/09/84 12/06/84 02/07/85 04/03/85 06/14/85 07/30/85	107.4 102.0 89.9 93.2 104.1 111.7	761.3 766.7 778.8 775.5 764.6 757.0	5121						
04N/23W-01K02 S	786.4	10/09/84 12/10/84 02/07/85 04/04/85 06/14/85 07/30/85	13.3 15.8 12.1 11.6 13.4 15.2	773.1 772.6 774.3 774.8 773.0 771.2	5121						
04N/23W-12B01 S		10/09/84 12/10/84 02/08/85 04/04/85 06/14/85 07/30/85	FLOW FLOW FLOW FLOW FLOW FLOW		5121						
04N/23W-14M03 S	540.2	10/08/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	11.7 11.6 11.5 11.3 11.7 11.8	528.5 528.6 528.7 528.9 528.5 528.4	5121						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.A U-03.A1	LOS ANGELES HB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN NA OXNARD HSA					U U-03 U-03.A U-03.A1	LOS ANGELES HB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN NA OXNARD HSA				
01N/21W-04M01 S	54.1	06/21/85 08/13/85	124.0(3) 100.3	-69.9 -46.2	5121	01N/21W-30F02 S	16.1	02/12/85 04/03/85 06/06/85 08/12/85	29.0 58.0 68.4 68.8	-12.9 -41.9 -52.3 -52.7	5121
01N/21W-04M02 S	39.4	06/21/85 08/08/85	130.7 134.8	-91.3 -95.4	5121	01N/21W-31L01 S	8.6	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 08/12/85	53.0 56.0 30.0 25.0 51.0 NM-9	-44.4 -47.4 -21.4 -16.4 -46.4	5121
01N/21W-05A02 S	50.8	06/21/85 08/08/85	27.4 25.0	23.4 25.3	5121	01N/21W-32A01 S	10.0	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 08/12/85	59.5 59.5 39.5 35.5 59.5 NM-9	-49.5 -49.5 -29.5 -29.5 -49.5	5121
01N/21W-06L02 S	45.8	10/04/84 12/24/84 02/12/85 04/09/85 06/12/85 08/06/85	35.7 13.7 17.6 32.7 36.3 35.4	10.1 32.1 28.2 13.1 9.5 10.4	5121	01N/21W-32G02 S	10.0	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 08/12/85	20.5 9.8 9.5 14.0 14.7 18.7	-10.5 .2 .5 -4.0 -4.7 -8.6	5121
01N/21W-07H01 S	39.6	10/22/84 12/24/84 02/12/85 04/09/85 06/12/85 08/06/85	NM-1 14.2 19.7 38.0 NM-7 NM-7	25.4 19.9 1.6	5121	01N/21W-32K01 S	10.1	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 08/12/85	55.0 56.0 30.0 25.0 55.0 NM-9	-44.9 -45.9 -19.9 -14.9 -44.9	5121
01N/21W-08F01 S		10/04/84	NM-9		5121	01N/21W-32L01 S	9.6	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 07/30/85	9.7 6.5 6.3 7.2 9.6 9.9	-.1 3.1 3.3 2.4 .0 -.3	5121
01N/21W-17002 S	28.6	10/04/84 12/24/84 02/12/85 04/05/85 06/11/85 07/30/85	43.5 13.5 16.5 32.5 39.6 39.3	-14.9 15.1 12.1 -3.9 -11.0 -10.7	5121	01N/21W-32L01 S	9.6	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 07/30/85	55.0 56.0 30.0 25.0 55.0 NM-9	-44.9 -45.9 -19.9 -14.9 -44.9	5121
01N/21W-17G01 S	23.8	10/04/84 12/24/84 02/12/85 04/05/85 06/11/85 07/30/85	38.5 16.3 16.5 32.0 36.1 36.0	-14.7 7.5 7.3 -8.2 -12.3 -12.2	5121	01N/21W-32L01 S	9.6	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 07/30/85	9.7 6.5 6.3 7.2 9.6 9.9	-.1 3.1 3.3 2.4 .0 -.3	5121
01N/21W-17G02 S	25.0	10/29/84 11/30/84 01/04/85 02/07/85 02/15/85 03/06/85 04/03/85 05/15/85 06/05/85 07/03/85 07/24/85 08/14/85 08/19/85 09/11/85	NM-1 54.5 36.9 37.3 36.1 40.3 44.5 NM-1 NM-1 70.9 NM-1 NM-1 80.3 NM-1	-29.5 -11.9 -12.3 -11.1 -15.3 -19.5	5411	01N/21W-32L01 S	9.6	10/15/84 12/26/84 02/12/85 04/08/85 06/12/85 07/30/85	59.0 32.1 27.5 38.8 55.0 57.7	-49.5 -22.6 -18.0 -29.3 -45.5 -48.2	5121
01N/21W-18001 S	26.0	10/04/84 12/26/84 02/12/85 04/05/85 06/11/85 08/06/85	32.5 18.0 17.0 18.9 27.9 30.5	-6.5 8.0 9.0 7.1 -1.9 -4.5	5121	01N/22W-01A01 S	53.6	10/04/84 12/24/84 02/12/85 04/09/85 06/12/85 08/06/85	34.3 15.8 17.9 29.3 36.9 35.9	19.3 37.8 39.7 24.3 16.7 17.7	5121
01N/21W-18001 S	26.0	10/04/84 12/26/84 02/12/85 04/05/85 06/11/85 08/06/85	32.5 18.0 17.0 18.9 27.9 30.5	-6.5 8.0 9.0 7.1 -1.9 -4.5	5121	01N/22W-03F01 S	55.7	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	34.7 34.7 36.7 36.7 36.7 28.7 26.7 27.7 26.7 25.7 27.7 28.7 27.7 26.7 26.7 29.7 29.7 27.7 31.7 37.7 35.7 36.7 36.7 39.7 39.7 28.7 29.7 29.7 29.7 39.7 42.7 43.7 43.7	21.0 21.0 19.0 19.0 19.0 27.0 29.0 28.0 29.0 30.0 28.0 27.0 26.0 26.0 26.0 26.0 26.0 26.0 24.0 18.0 20.0 19.0 19.0 16.0 16.0 27.0 26.0 26.0 26.0 16.0 13.0 12.0 12.0 12.0	4209
01N/21W-19C01 S	21.0	10/29/84 11/30/84 01/04/85 02/15/85 07/24/85 08/14/85 09/11/85	NM-1 23.1 22.8 23.9 35.8 38.5 56.5	-2.1 -1.8 -2.9 -14.8 -17.5 -35.5	5411	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	34.7 34.7 36.7 36.7 36.7 28.7 26.7 27.7 26.7 25.7 27.7 28.7 27.7 26.7 26.7 29.7 29.7 27.7 31.7 37.7 35.7 36.7 36.7 39.7 39.7 28.7 29.7 29.7 29.7 39.7 42.7 43.7 43.7	21.0 21.0 19.0 19.0 19.0 27.0 29.0 28.0 29.0 30.0 28.0 27.0 26.0 26.0 26.0 26.0 26.0 26.0 24.0 18.0 20.0 19.0 19.0 16.0 16.0 27.0 26.0 26.0 26.0 16.0 13.0 12.0 12.0 12.0	4209
01N/21W-19K10 S	15.3	10/04/84 12/26/84 02/12/85 04/05/85 06/11/85 08/06/85	33.7 17.1 12.3 23.1 27.9 29.1	-18.4 -1.8 3.0 -7.8 -1.9 -13.8	5121	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209
01N/21W-20C05 S	20.0	10/29/84 11/30/84 01/04/85 02/15/85 07/24/85 08/14/85 09/11/85	NM-1 39.9 16.7 19.3 35.8 40.0 45.2	-19.9 3.3 .7 -15.8 -20.0 -25.2	5411	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209
01N/21W-20N07 S	15.8	10/04/84 12/24/84 02/12/85 04/05/85 06/11/85 08/06/85	27.2 11.2 11.7 19.4 25.7 25.7	-11.4 4.6 4.1 -3.6 -9.9 -9.9	5121	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209
01N/21W-21N01 S	15.2	10/04/84 12/26/84 02/07/85 04/03/85 06/12/85 08/06/85	71.6 NM-9 36.3 52.1 74.4 81.3	-56.4 -21.1 -34.9 -59.2 -66.1	5121	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209
01N/21W-22P01 S		06/21/85 08/13/85	NM-7 NM-1		5121	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209
01N/21W-29803 S	17.9	10/04/84 12/24/84 02/07/85 04/04/85 06/12/85 08/12/85	35.4 16.1 13.2 25.6 29.2 NM-1	-17.5 1.8 4.7 -7.7 -11.3	5121	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209
01N/21W-30F02 S	16.1	12/24/84	29.9	-13.8	5121	01N/22W-04F04 S	47.1	10/03/84 10/18/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85	20.6 20.6 23.6 23.6 23.6 19.6 21.6 17.6 18.8 15.6 15.6 17.2 15.6 14.6 34.6 16.4 23.6 23.6	26.5 26.5 23.5 23.5 23.5 27.5 25.5 29.5 28.3 31.5 31.5 29.9 31.5 32.4 12.5 30.5 23.5	4209



TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.A U-03.A1	LOS ANGELES M8 SANTA CLARA-CALLEGUAS HU OXNARD PLAIN HA OXNARD HSA					U U-03 U-03.A U-03.A1	LOS ANGELES M8 SANTA CLARA-CALLEGUAS HU OXNARD PLAIN HA OXNARD HSA				
01N/22W-04F04 S	47.1	03/14/85	16.6	30.5	4209	01N/22W-13002 S	41.7	10/04/84	47.6	-5.9	5121
		04/01/85	21.8	25.3	5121			12/24/84	19.0	22.7	
		04/11/85	20.6	26.5	4209			02/12/85	19.3	22.4	
		04/18/85	21.6	25.5				04/11/85	NN-1		
		04/25/85	22.6	24.5				06/11/85	40.4	1.3	
		05/09/85	25.6	21.5				08/12/85	41.3	.4	
		05/30/85	25.6	21.5							
		06/06/85	30.8	16.3	5121	01N/22W-13K02 S	36.0	10/04/84	61.9	-25.9	5121
		06/07/85	28.6	18.5	4209			12/24/84	32.7	3.3	
		06/14/85	26.6	20.5				02/12/85	30.5	5.5	
		06/20/85	26.6	20.5				04/05/85	43.1	-7.1	
		06/28/85	28.6	18.5				06/11/85	37.0	-21.0	
		07/11/85	28.6	18.5				07/30/85	52.2	-16.2	
		07/18/85	28.6	18.5							
		07/28/85	28.6	18.5		01N/22W-13N01 S	31.3	10/04/84	34.8	-3.5	5121
		08/01/85	32.6	14.3	5121			12/24/84	14.9	16.4	
		09/13/85	37.6	9.5	4209			02/12/85	15.4	15.9	
		09/19/85	38.6	8.5				04/05/85	30.7	.6	
								06/11/85	33.6	-2.3	
01N/22W-09602 S	32.4	12/06/84	4.1	28.3	5121			08/06/85	33.4	-2.1	
		02/05/85	3.6	28.8							
		04/01/85	9.1	23.3		01N/22W-14K01 S	32.9	10/04/84	30.6	2.3	5121
		06/06/85	18.7	13.7				12/26/84	9.6	23.3	
		07/30/85	14.8	17.6				02/12/85	8.7	24.2	
								04/05/85	27.4	5.5	
01N/22W-10802 S	50.0	10/03/84	41.0	9.0	4209			06/11/85	26.6	6.3	
		10/18/84	43.0	7.0				07/30/85	24.4	8.5	
		10/25/84	43.0	7.0							
		11/01/84	43.0	7.0		01N/22W-14R02 S	32.9	10/26/84	34.7	-1.8	5411
		11/08/84	44.0	6.0				11/30/84	21.4	11.5	
		12/03/84	42.0	8.0				02/19/85	19.8	13.1	
		12/06/84	43.0	7.0				04/08/85	27.4	5.5	
		12/20/84	42.0	8.0				07/17/85	31.0	1.9	
		12/27/84	40.0	10.0				07/24/85	30.3	2.6	
		01/03/85	40.0	10.0				08/14/85	33.8	-4.9	
		01/24/85	41.0	9.0				09/11/85	41.5	-8.6	
		01/31/85	41.0	9.0							
		02/07/85	39.0	11.0		01N/22W-16E01 S	20.3	10/26/84	7.3	13.0	5411
		02/14/85	37.0	13.0				11/29/84	-5	20.8	
		02/19/85	56.0	-6.0				12/06/84	FLOW		5121
		02/21/85	35.0	15.0				12/31/84	-3.9	24.2	5411
		02/28/85	39.0	11.0				02/05/85	FLOW		5121
		03/07/85	36.0	14.0				02/14/85	-3.3	23.4	5411
		03/14/85	41.0	9.0				03/14/85	-1.1	21.4	
		04/11/85	45.0	5.0				04/03/85	2.7	17.6	5121
		04/18/85	46.0	4.0				04/08/85	1.4	18.9	5411
		04/25/85	48.0	2.0				06/06/85	8.7	11.6	5121
		05/09/85	51.0	-1.0				06/14/85	7.7	12.6	5411
		05/30/85	54.0	-4.0				07/31/85	6.7	33.6	5121
		06/07/85	55.0	-5.0				08/27/85	10.5	9.8	5411
		06/14/85	55.0	-5.0							
		06/20/85	49.0	1.0		01N/22W-17801 S		10/26/84	NN-9		5411
		06/28/85	48.0	2.0				11/29/84	FLOW		
		07/11/85	49.0	1.0				12/06/84	.4	15.8	5121
		07/18/85	47.0	3.0				12/31/84	FLOW		5411
		07/26/85	46.0	2.0				02/05/85	FLOW		5121
		08/01/85	55.0	-5.0				02/14/85	FLOW		5411
		08/29/85	63.0	-13.0				03/14/85	FLOW		
		09/06/85	65.0	-15.0				04/03/85	2.4	13.8	5121
		09/13/85	62.0	-12.0				04/08/85	FLOW		5411
		09/19/85	62.0	-12.0				06/06/85	9.9	6.3	5121
		09/26/85	65.0	-15.0				07/31/85	10.0	6.2	
								08/27/85	13.2	3.0	5411
01N/22W-10803 S	44.0	10/03/84	29.0	15.0	4209						
		10/18/84	30.0	14.0		01N/22W-17002 S		10/26/84	FLOW		5411
		10/25/84	31.0	13.0				11/29/84	FLOW		
		11/01/84	31.0	13.0				12/31/84	FLOW		
		11/08/84	32.0	12.0				02/14/85	FLOW		
		11/15/84	26.0	18.0				03/14/85	FLOW		
		12/03/84	24.0	20.0				04/08/85	FLOW		
		12/06/84	24.0	20.0				06/14/85	FLOW		
		12/20/84	23.0	21.0				08/27/85	NN-1		
		12/27/84	22.0	22.0							
		01/03/85	22.0	22.0		01N/22W-17M03 S	9.0	10/26/84	-5.2	14.2	5411
		01/24/85	24.0	20.0				11/29/84	-12.6	21.6	
		01/31/85	21.0	23.0				12/06/84	FLOW		5121
		02/07/85	22.0	22.0				12/31/84	-15.5	24.5	5411
		02/14/85	21.0	23.0				02/05/85	FLOW		5121
		02/19/85	40.0	4.0				02/14/85	-15.7	22.7	5411
		02/21/85	22.0	22.0				03/14/85	-12.8	20.8	
		02/28/85	24.0	20.0				04/03/85	FLOW		5121
		03/07/85	23.0	21.0				04/08/85	-9.9	18.9	5411
		03/14/85	24.0	20.0				06/06/85	FLOW		5121
		04/11/85	29.0	15.0				06/14/85	-4.0	13.0	5411
		04/18/85	29.0	15.0				07/31/85	FLOW		5121
		04/25/85	31.0	13.0				08/27/85	-1.0	10.0	5411
		05/09/85	34.0	10.0							
		05/30/85	35.0	9.0		01N/22W-20N02 S		12/06/84	FLOW		5121
		06/07/85	36.0	8.0				02/05/85	FLOW		
		06/14/85	36.0	8.0				04/03/85	FLOW		
		06/20/85	33.0	11.0				06/06/85	FLOW		
		06/28/85	33.0	11.0				07/31/85	FLOW		
		07/11/85	33.0	11.0							
		07/18/85	34.0	10.0		01N/22W-21803 S	18.0	12/24/84	3.7	14.3	5121
		07/26/85	34.0	10.0				02/05/85	FLOW		
		08/01/85	35.0	9.0				04/08/85	6.7	11.3	
		08/29/85	42.0	2.8				06/06/85	14.9	3.1	
		09/06/85	43.0	1.0				07/31/85	14.9	3.1	
		09/13/85	42.0	2.0							
		09/19/85	42.0	2.0		01N/22W-22J07 S	17.0	12/06/84	8.0	9.0	5121
		09/26/85	44.0	.0				02/05/85	5.4	11.6	
								03/26/85	8.6	8.4	
01N/22W-10J01 S	46.0	10/04/84	28.0	18.0	5121			06/06/85	7.5	9.5	
		12/24/84	12.9	33.1				07/31/85	15.1	1.9	
		02/12/85	12.0	34.0							
		04/05/85	23.3	22.7		01N/22W-22J08 S	17.0	12/06/84	6.9	10.1	5121
		06/12/85	27.0	19.0				02/05/85	4.7	12.3	
		07/30/85	26.2	19.8				03/26/85	7.8	9.2	
								06/06/85	16.1	.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.4 U-03.41	LOS ANGELES NR SANTA CLARA-CALLEGUAS MU OYARD PLAIN NA OYARD NSA					U U-03 U-03.4 U-03.41	LOS ANGELES NR SANTA CLARA-CALLEGUAS MU OYARD PLAIN NA OYARD NSA				
01N/22W-22J08 S	17.0	07/31/85	13.8	3.2	5121	02N/21W-19802 S	100.1	06/17/85 08/08/85	NM-1 47.1	53.0	5121
01N/22W-22M05 S	16.4	12/06/84 02/12/85 03/26/85 06/06/85 07/31/85	2.6 -1 3.1 10.7 9.1	13.8 16.5 13.3 5.7 7.3	5121	02N/21W-20F02 S	110.8	11/30/84 01/25/85 03/29/85 06/17/85 07/24/85 09/26/85	85.8 84.9 83.5 NM-7 107.5 103.9	25.0 25.9 27.3 3.3 6.9	5121
01N/22W-23001 S	18.8	12/06/84 02/12/85 04/03/85 06/06/85 07/31/85	7.8 5.2 10.4 18.7 16.4	11.0 13.6 8.4 -1 2.4	5121	02N/21W-29L03 S	77.0	10/21/84 11/28/84 12/31/84 02/06/85 02/07/85 02/15/85 03/06/85 04/02/85 04/04/85 05/15/85 06/03/85 07/03/85 07/24/85 08/14/85 09/05/85 09/11/85	NM-1 81.3 77.9 NM-1 NM-1 77.1 78.1 NM-1 92.8 NM-1 NM-1 NM-1 93.2 NM-1 92.6 NM-1	-4.3 -0.9 -0.1 -1.1 -15.8 -16.2 -13.6	5411
01N/22W-26K04 S	12.6	12/06/84 02/12/85 03/26/85 06/06/85 08/12/85	35.6 22.7 33.6 31.4 NM-1	-23.0 -10.1 -21.0 -38.8	5121	02N/21W-30P02 S	64.2	11/30/84 02/11/85 04/17/85 06/17/85 08/08/85	15.3 12.2 23.7 NM-1 31.3	48.9 52.0 40.5 32.9	5121
01N/22W-26M03 S	11.2	10/22/84 12/06/84 02/12/85 03/26/85 06/06/85 08/12/85	54.7 31.3 18.1 30.5 47.5 NM-1	-43.5 -20.1 -6.9 -19.3 -36.3	5121	02N/21W-31P02 S	56.5	12/24/84 02/12/85 04/09/85 06/12/85 08/08/85	14.9 16.4 27.7 36.3 33.8	41.6 40.1 28.8 20.2 22.7	5121
01N/22W-27B04 S	14.0	12/06/84 02/12/85 03/26/85 06/06/85 07/31/85	24.6 12.9 20.4 34.4 36.6	-10.6 1.1 -6.4 -20.4 -22.6	5121	02N/21W-31P03 S	57.3	10/22/84 12/26/84 02/12/85 04/09/85 06/12/85 08/06/85	NM-1 NM-1 81.1 86.4 NM-1 107.9	-23.8 -31.1 -50.6	5121
01N/22W-27R01 S	9.0	12/06/84 02/12/85 03/26/85 06/06/85 07/31/85	FLOW FLOW FLOW 3.9 2.4	5.1 6.6	5121	02N/22W-08N01 S	203.8	10/09/84 12/10/84 02/08/85 04/04/85 05/23/85 07/30/85	NM-1 178.5 167.5 167.6 NM-1 181.2	25.3 36.3 36.2 22.6	5121
01N/22W-28M03 S	10.0	10/26/84 11/27/84 02/14/85 04/08/85 06/14/85 07/24/85 08/14/85 09/11/85	3.0 -1.5 -3.3 -7 7 NM-9 3.6 4.5	7.0 11.5 13.3 10.7 9.3 5.5	5411	02N/22W-08P01 S	214.6	12/10/84 02/11/85 04/13/85 06/18/85 08/09/85	NM-9 175.9 172.9 188.9 190.9	36.7 41.7 25.7 23.7	5121
01N/22W-36B02 S	10.8	10/22/84 12/06/84 02/12/85 04/03/85 06/06/85 07/31/85	NM-1 45.2 NM-1 52.3 56.5 69.9	-34.4 -41.5 -56.5 -59.1	5121	02N/22W-09K03 S	243.9	10/09/84 12/10/84 02/08/85 04/08/85 06/19/85 08/06/85	210.2 208.8 199.9 198.4 207.5(4) NM-1	33.7 35.1 44.0 45.5 36.4	5121
01N/22W-36L01 S	6.9	12/24/84 02/12/85 04/03/85 06/06/85 08/12/85	3.2 3.8 9.2 15.2 NM-1	3.7 3.1 -2.3 -8.3	5121	02N/22W-13G02 S	127.8	10/24/84 11/28/84 01/31/85 04/02/85 06/14/85 07/17/85 07/24/85 08/18/85 09/11/85	NM-1 53.7 47.7 49.2 NM-1 NM-1 NM-1 NM-1 NM-1	74.1 80.1 78.6	5411
02N/21W-06L01 S	149.0	10/26/84 11/27/84 12/26/84 01/31/85 04/02/85 06/14/85 07/24/85 08/14/85 09/11/85	41.6 45.3 26.0 31.3 38.7 51.0 57.8 61.1 65.9	107.4 103.7 123.0 117.7 110.3 98.0 91.2 87.9 83.1	5411	02N/22W-14P02 S	108.0	06/13/85	63.9	44.1	5411
02N/21W-06P01 S	150.1	10/25/84 11/26/84 12/26/84 01/31/85 04/02/85 06/14/85 07/24/85 08/14/85 09/11/85	47.0 50.5 31.1 NM-1 42.1 58.4 69.0 69.6 74.3	103.1 99.6 119.0 108.0 91.7 85.1 80.5 75.8	5411	02N/22W-16K01 S	150.0	10/09/84 12/10/84 02/08/85 04/10/85 06/17/85 08/06/85	114.9 NM-1 111.9 114.5 120.9 NM-1	35.1 38.1 29.1	5121
02N/21W-07P02 S	140.9	11/29/84 01/31/85 03/22/85 06/17/85 08/08/85	57.0 47.8 57.1 NM-7 85.6	83.9 93.1 83.8 55.3	5121	02N/22W-22M01 S	98.7	10/09/84 12/10/84 02/08/85 04/04/85 06/17/85 07/30/85	40.8 50.4 41.3 43.7 57.9 62.6	57.9 48.3 57.4 55.0 40.8 36.1	5121
02N/21W-18N03 S	117.9	11/29/84 01/31/85 04/12/85 06/17/85 08/14/85	37.5 30.8 37.9 50.1 NM-1	80.4 87.1 80.0 67.8	5121	02N/22W-22M04 S	80.4	10/09/84 12/05/84 02/08/85 04/04/85 06/17/85 07/30/85	34.6 36.7 32.2 34.5 44.6 48.8	45.8 43.7 46.2 45.9 35.8 31.6	5121
02N/21W-18H10 S	118.3	10/10/84 11/29/84 01/31/85 04/17/85 06/17/85 08/14/85	NM-1 54.8 46.8 NM-1 NM-1 NM-1	63.5 69.5	5121	02N/22W-23P01 S	109.0	10/03/84 10/19/84 10/31/84 11/21/84 12/23/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85	37.7 46.2 55.4 51.4 49.8 44.9 43.4 41.8 39.3 47.4	71.7 60.8 55.6 57.6 59.2 44.1 65.6 47.2 69.7 65.6	5411
02N/21W-19A03 S	101.9	12/26/84 01/31/85 04/09/85 06/17/85 08/15/85	35.0 36.6 46.4 60.0 66.0	66.9 65.3 55.5 41.9 35.9	5121	02N/21W-19B02 S	100.1	11/30/84 01/31/85 04/09/85	29.3 25.1 30.6	70.8 75.0 69.1	5121

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-03 U-03.A U-03.A1	LOS ANGELES NB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN HA OXNARD MSA					U-03 U-03.A U-03.A1	LOS ANGELES NB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN HA OXNARD MSA				
02N/22W-23B01 S	109.0	04/11/83 09/03/85 06/13/85	49.6 55.0 64.7	59.4 54.0 44.3	5411	02N/22W-23K04 S	105.8	01/30/85 02/13/85 02/20/85 03/06/85 03/21/85 04/12/85 05/03/85 06/13/85	69.6 73.6 73.6 70.2 69.7 72.0 72.2 78.8	36.2 32.2 32.2 35.6 36.1 33.8 33.6 27.0	5411
02N/22W-23B02 S	108.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85	40.9 49.2 34.1 51.7 50.2 47.0 46.4 43.1	67.1 56.8 53.9 56.3 57.8 61.0 61.6 64.9	5411	02N/22W-23K05 S	100.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/12/85 05/03/85 06/13/85	37.0 45.0 50.1 48.6 49.8 40.8 39.0 37.2 37.7 39.6 45.3 51.2 59.9	63.0 59.0 49.9 51.4 54.2 59.2 61.0 62.8 62.3 60.4 54.7 48.8 40.1	5411
02N/22W-23C01 S	107.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/12/85 05/03/85 06/13/85	37.1 46.6 53.2 51.8 49.3 45.8 44.9 43.7 41.4 43.7 49.9 55.3 63.8	69.9 56.4 53.8 55.2 57.7 61.2 62.1 63.3 65.4 63.3 57.1 51.7 43.2	5411	02N/22W-24P01 S	93.8	10/10/84 11/30/84 01/31/85 03/22/85 06/17/85 08/14/85	36.9 41.4 35.2 36.9 34.6 NM-9	96.9 92.4 98.6 97.3 94.6 NM-9	5121
02N/22W-23C02 S	107.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 05/03/85 06/13/85	42.5 51.1 59.8 52.6 51.2 48.6 47.9 45.9 NM-9 36.6 63.1	64.5 59.9 51.2 54.4 55.8 56.4 59.1 61.1 50.4 41.9	5411	02N/22W-26E01 S	89.7	10/09/84 12/10/84 02/08/85 04/04/85 06/17/85 07/31/85	39.3 39.4 33.1 39.6 46.4 51.5	50.4 46.3 52.6 50.1 37.3 34.2	5121
02N/22W-23C03 S	107.0	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85 01/30/85 02/13/85 02/20/85 03/06/85 03/21/85 04/12/85 05/03/85 06/13/85	55.6 55.4 55.9 56.7 58.3 59.4 58.5 59.1 58.8 56.7 59.6 57.9 56.6 56.3 56.1 56.2 54.7 53.2 54.1 52.8 53.3 56.0 58.9 66.3	51.4 51.6 51.1 50.3 48.7 47.6 48.5 47.9 46.2 50.3 48.4 49.3 50.2 50.7 50.9 50.8 52.3 53.8 52.9 54.2 53.7 51.0 48.1 40.7	5411	02N/22W-28L01 S	66.4	12/24/84 02/05/85 04/01/85 06/06/85 07/30/85	23.4 23.2 26.5 38.5 36.4	43.0 43.2 39.9 27.9 30.0	5121
02N/22W-23G02 S	106.5	10/03/84 10/09/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 04/18/85 05/03/85 06/13/85	36.3 49.0 53.0 50.5 48.4 43.2 43.0 40.0 38.1 42.3 44.3 54.7 64.1	70.2 58.5 53.5 56.0 58.1 63.3 65.5 66.5 68.4 64.2 62.2 51.8 42.4	5411	02N/22W-31A01 S	41.7	12/06/84 02/05/85 04/01/85 06/04/85 07/30/85	10.6 12.0 16.1 30.3 23.0	31.1 29.7 25.6 11.4 16.7	5121
02N/22W-23K01 S	105.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	29.8 43.4 78.9 51.8 49.0 44.6 38.3 35.3 34.7 33.0 37.5 39.7 50.6 60.8	75.2 61.6 26.1 53.2 56.0 60.4 66.7 69.7 70.3 72.0 67.5 65.3 54.4 44.2	5411	02N/22W-35C01 S	75.2	11/30/84 01/31/85 03/22/85 06/17/85 08/08/85	31.6 27.1 28.6 40.7 44.4	43.6 48.1 46.4 34.5 30.8	5121
02N/22W-23G02 S	106.5	10/03/84 10/09/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 04/18/85 05/03/85 06/13/85	36.3 49.0 53.0 50.5 48.4 43.2 43.0 40.0 38.1 42.3 44.3 54.7 64.1	70.2 58.5 53.5 56.0 58.1 63.3 65.5 66.5 68.4 64.2 62.2 51.8 42.4	5411	02N/22W-36M02 S	67.0	10/25/84 11/28/84 12/31/84 02/19/85 07/24/85 08/14/85 09/11/85	35.6 26.7 22.3 NM-4 39.9 43.1 48.0	33.4 40.3 44.7 27.1 23.9 19.0	5411
02N/22W-23K04 S	105.8	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	02N/23W-24G01 S	27.1	10/26/84 11/29/84 12/31/84 02/13/85 04/08/85 06/13/85 07/26/85 08/27/85	21.0 12.3 10.0 9.9 16.5 17.2 19.8 24.2	6.1 14.8 17.1 17.6 10.6 9.9 11.3 2.9	5411
02N/22W-23K01 S	105.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	29.8 43.4 78.9 51.8 49.0 44.6 38.3 35.3 34.7 33.0 37.5 39.7 50.6 60.8	75.2 61.6 26.1 53.2 56.0 60.4 66.7 69.7 70.3 72.0 67.5 65.3 54.4 44.2	5411	02N/23W-25G02 S	18.3	12/06/84 02/05/85 04/01/85 06/04/85 07/30/85	FLOW FLOW FLOW 17.2 5.1		5121
02N/22W-23K01 S	105.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	29.8 43.4 78.9 51.8 49.0 44.6 38.3 35.3 34.7 33.0 37.5 39.7 50.6 60.8	75.2 61.6 26.1 53.2 56.0 60.4 66.7 69.7 70.3 72.0 67.5 65.3 54.4 44.2	5411	02N/23W-36C04 S	27.6	12/06/84 02/05/85 04/01/85 06/04/85 07/30/85	3.1 4.8 8.4 23.1 13.1	24.5 22.8 19.2 4.5 14.9	5121
02N/22W-23K04 S	105.8	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85 02/13/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	01N/20W-06C01 S	124.5	10/10/84 12/12/84 02/05/85 04/11/85 06/18/85 08/09/85	82.6 77.3 74.3 72.8 83.2 79.0	41.9 47.2 50.2 51.7 41.3 45.5	5121
02N/22W-23K04 S	105.8	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	01N/20W-06J01 S		12/12/84	NM-4		5121
02N/22W-23K04 S	105.8	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	01N/21W-01B04 S	115.9	12/26/84 02/01/85 04/23/85 06/19/85 08/13/85	192.9 168.5 194.1 205.0 207.0	-37.0 -50.6 -78.2 -89.1 -91.1	5121
02N/22W-23K04 S	105.8	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	01N/21W-02J02 S		06/18/85	NM-7		5121

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.4 U-03.42	LOS ANGELES HB SANTA CLARA-CALLEGUAS MU OXNARD PLAIN HA PLEASANT VALLEY H5A					U U-03 U-03.4 U-03.42	LOS ANGELES HB SANTA CLARA-CALLEGUAS MU OXNARD PLAIN HA PLEASANT VALLEY H5A				
01N/21W-02J02 S	90.0	08/09/85	122.3	-32.3	5121	02N/21W-24F01 S	335.8	08/09/85	420.8	-109.0	5121
01N/21W-02P01 S	66.6	06/21/85 08/08/85	122.7 129.8	-56.1 -63.2	5121	02N/21W-33P02 S	65.0	06/21/85 08/38/85	149.6 149.6(3)	-84.6 -84.6	5121
01N/21W-03C01 S		06/18/85 08/15/85	NM-7 NM-1		5121	02N/21W-34002 S	90.0	10/12/84 11/30/84 01/31/85	159.3 153.7 144.8	-69.3 -63.7 -54.8	5121
01N/21W-03001 S	66.3	06/21/85 08/08/85	130.7 137.1	-64.4 -70.6	5121			04/09/85 06/21/85 08/08/85	191.4 178.6 179.2	-61.4 -88.6 -89.2	
01N/21W-03J01 S		06/21/85 08/08/85	NM-7 171.4		5121	02N/21W-34J01 S	82.0	10/31/84 11/30/84 12/31/84	168.6 142.7 127.9	-86.6 -60.7 -45.9	5411
01N/21W-03L02 S		06/21/85 08/15/85	NM-7 NM-7		5121			02/15/85 07/24/85 08/18/85	129.5 172.7 174.8	-47.5 -90.7 -92.8	
01N/21W-03H02 S	45.6	06/21/85 08/09/85	139.3 153.8	-93.7 -108.2	5121			09/11/85	171.3	-89.3	
01N/21W-09C03 S		06/21/85 08/13/85	NM-7 134.9		5121	02N/21W-35K01 S		06/18/85 08/14/85	NM-7 NM-7		5121
01N/21W-10E01 S		06/21/85 08/15/85	NM-7 127.2		5121	02N/21W-36L02 S	124.6	06/18/85 08/14/85	176.5 175.0	-51.9 -50.4	5121
01N/21W-10G01 S		06/21/85 08/13/85	NM-7 141.6		5121	02N/21W-36H01 S		06/18/85 08/09/85	NM-7 123.9		5121
01N/21W-12F03 S		06/21/85 08/08/85	NM-7 39.4		5121	U-03.8 U-03.81	SANTA PAULA HA SULPHUR SPRINGS H54				
01N/21W-14A01 S		06/21/85 08/13/85	NM-7 32.4		5121	02N/22W-02C01 S	177.4	12/06/84 02/05/85 03/22/85	28.3 26.9 27.7	149.1 150.5 149.7	5121
01N/21W-15H01 S		06/21/85 08/08/85	NM-7 20.4		5121			05/31/85 07/25/85	32.3 38.9	145.1 138.5	
01N/21W-15P02 S		06/21/85 08/08/85	NM-7 121.2(6)		5121	02N/22W-03K02 S	248.1	12/06/84 02/05/85 03/22/85	112.3 111.3 105.6	135.8 136.8 142.5	5121
01N/21W-16A04 S		10/17/84 12/24/84 02/07/85	102.9 61.9 67.2	-73.9 -32.9 -36.2	5121			06/05/85 07/25/85	114.9 115.2	133.2 132.9	
		04/11/85 07/31/85	NM-1 123.2			02N/22W-03M02 S	291.9	12/06/84 02/05/85 03/22/85	189.4 183.3 180.0	102.5 104.6 111.9	5121
01N/21W-16M01 S		10/04/84 12/24/84 02/07/85	95.6 54.6 55.8	-73.2 -32.2 -33.4	5121			05/31/85 07/25/85	185.1 189.1	106.8 102.8	
		04/03/85 06/11/85 08/06/85	68.4 103.9 105.4	-46.0 -81.5 -83.0		02N/22W-03R02 S	214.2	12/06/84 02/05/85 04/22/85	93.3 93.7 NM-1	120.9 120.5	5121
01N/21W-16P03 S		10/22/84 12/24/84 02/07/85	NM-1 60.6 38.0		5121			04/22/85 05/31/85 07/30/85	94.2 94.2 94.4	120.0 119.8	
		04/05/85 06/12/85 08/30/85	69.5 NM-1 113.5			02N/22W-10C02 S	238.6	12/06/84 02/05/85 03/22/85	125.8 128.2 127.8	112.8 110.4 110.8	5121
		06/12/85 08/30/85	NM-1 113.5					05/31/85 07/26/85	127.6 128.0	111.0 110.6	
02N/20W-19M04 S		12/26/84 02/01/85 04/09/85	320.6 330.2 331.2	-121.5 -131.1 -132.1	5121	02N/22W-11A01 S	129.5	12/06/84 02/05/85 03/22/85	40.4 35.2 38.8	89.1 94.3 90.7	5121
		06/17/85 08/14/85	340.9 339.9	-141.8 -139.8				06/05/85 07/25/85	51.0 59.3	78.9 70.2	
02N/20W-28G02 S		10/10/84 12/12/84 02/05/85	65.0 64.5 64.6	105.0 105.3 105.4	5121	03N/21W-03R02 S	369.0	11/03/84 12/05/84 01/03/85	215.4 142.5 153.6	153.6 226.5 215.4	2225
		04/11/85 06/18/85 08/09/85	64.3 64.1 63.9	105.7 105.9 106.1				02/01/85 03/14/85 04/04/85	151.5 168.3 161.4	217.3 200.7 207.6	
02N/20W-30F01 S		12/21/84 02/05/85 04/23/85	277.6 285.2 284.7	-96.5 -104.1 -103.6	5121			05/08/85 06/05/85 07/08/85	153.6 165.5 157.3	215.4 203.5 211.7	
		06/17/85 08/14/85	NM-7 283.3					08/04/85 09/03/85	180.6 172.0	188.4 197.0	
02N/20W-31R01 S		12/12/84 02/05/85 04/11/85	130.6 128.9 127.0	24.7 26.4 28.3	5121	03N/21W-09K02 S		10/11/84 12/06/84 02/05/85	NM-1 163.4 156.7		5121
		06/18/85 08/14/85	127.8 128.0	27.5 27.3				04/12/85 05/31/85 08/13/85	166.9 171.4 NM-1	195.1 190.2	
02N/20W-31F02 S		10/12/84 12/11/84 02/04/85	133.5 125.9 121.1	10.9 18.5 23.3	5121	03N/21W-09R03 S	295.0	10/02/84 11/02/84 12/05/84	106.9 104.3 93.8	188.1 190.7 201.2	2225
		04/11/85 06/18/85	120.9 NM-6	23.5				01/03/85 02/01/85 03/01/85	89.5 86.6 90.1	205.5 208.4 204.9	
02N/20W-32001 S		12/11/84 02/01/85 04/23/85	NM-1 191.6 193.4		5121			04/12/85 05/06/85 06/03/85	94.5 96.5 101.5	200.5 198.5 193.5	
		06/18/85 08/14/85	201.7 196.5	-36.4 -31.2				07/33/85 08/05/85 09/03/85	105.7 104.8 108.2	189.3 190.2 186.9	
02N/21W-23L02 S		12/11/84 02/01/85 04/09/85	NM-9 296.4 288.7		5121	03N/21W-09R04 S	292.0	10/02/84 11/02/84 12/05/84	115.8(11) 101.4(11) 92.1	176.2 190.6 199.9	2225
		06/17/85 08/14/85	299.3 298.7	-79.3 -78.7				01/03/85 02/01/85 03/01/85	87.4 84.7 86.4	204.6 207.3 205.2	
02N/21W-24F01 S		12/12/84 02/01/85 04/09/85	416.9 415.7 414.9	-101.1 -90.9 -90.1	5121			05/12/85 05/36/85 06/03/85	91.7 93.7 103.4	200.3 198.3 188.6	
		06/17/85	418.5	-102.7							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.8 U-03.81	LOS ANGELES H8 SANTA CLARA-CALLEGUAS HU SANTA PAULA NA SULPNUR SPRINGS H5A					U U-03 U-03.8 U-03.81	LOS ANGELES H8 SANTA CLARA-CALLEGUAS HU SANTA PAULA NA SULPNUR SPRINGS H5A				
03N/21W-09R04 S	292.0	07/03/85 08/03/85 09/03/85	101.8 103.4 103.4	190.2 188.6 188.6	2225	03N/21W-15C02 S	242.0	08/03/85 07/04/85 08/05/85 09/02/85	39.9 42.9(1) 38.9(1) 54.4(1)	202.1 199.1 185.1 187.6	2225
03N/21W-11R01 S	336.7	12/06/84 02/05/85 03/22/85 06/05/85 07/25/85	87.5 84.9 91.0 101.6 106.8	249.2 251.8 245.7 235.1 229.9	5121	03N/21W-15C03 S	242.2	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/03/85 06/03/85 07/04/85 08/05/85 09/02/85	54.2 52.2 44.2 40.1 34.4 41.2 42.3 47.4 50.1 53.2 54.2 55.0	188.0 190.0 198.0 202.1 207.8 201.0 199.9 194.8 192.1 189.0 186.0 187.2	2225
03N/21W-11002 S	329.9	10/02/84 11/02/84 12/03/84 01/03/85 02/01/85 03/04/85 04/02/85 05/08/85 06/04/85 07/05/85 08/05/85 09/03/85	208.1(1) 221.9(1) 205.0(1) 198.8(1) 204.6(1) 192.2(1) 200.6(1) 222.0(1) 221.2(1) 217.9(1) 227.6(1) 218.9(1)	121.8 108.0 124.9 131.1 125.3 137.7 129.1 107.9 108.7 112.0 102.3 111.0	2225	03N/21W-15C04 S	241.4	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/06/85 06/03/85 07/04/85 08/05/85 09/02/85	44.8 50.4 38.6 32.6 30.4 46.9(1) 34.6 36.3 43.8 46.6 57.9(1) 46.8	196.6 191.0 202.8 208.8 211.0 194.5 206.8 203.1 197.6 194.8 183.5 194.8	2225
03N/21W-11E03 S	313.0	10/02/84 11/02/84 12/03/84 01/03/85 02/01/85 03/04/85 04/02/85 05/08/85 06/04/85 07/05/85 08/05/85 09/03/85	105.8(1) 96.8 88.9 88.8 80.1 83.4 90.6 85.6 107.8(1) 113.4(1) 118.8(1) 122.0(1)	209.2 218.2 228.1 228.2 234.9 231.6 224.4 229.4 207.2 201.6 196.2 193.0	2225	03N/21W-15C06 S	244.0	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/03/85 06/03/85 07/04/85 08/05/85 09/02/85	88.7(1) 91.2(1) 81.7(1) 78.9(1) 35.7 93.4(1) 106.6(1) 97.7(1) 96.9(1) 110.6(1) 104.3(1) 138.7(1)	155.3 152.8 182.3 185.1 208.3 150.6 137.4 144.3 147.1 133.4 139.7 105.3	2225
03N/21W-11F03 S	308.0	10/02/84 11/02/84 12/03/84 01/03/85 02/01/85 03/04/85 04/02/85 05/08/85 06/04/85 07/05/85 08/05/85 09/03/85	121.5(1) 109.0(1) 82.5 71.4 69.4 69.3 109.6(1) 108.5(1) 81.1 112.0(1) 108.1(1) 109.6(1)	184.5 197.0 223.5 234.8 236.6 236.7 196.4 197.5 224.9 194.0 197.9 196.4	2225	03N/21W-16A02 S	288.8	10/02/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/02/85 05/08/85 06/03/85 07/03/85 08/05/85 09/02/85	77.9 75.7 68.3 62.5 61.5 62.8 67.2 89.9 88.3 92.2(1) 79.1 87.4	190.9 193.1 200.5 206.3 207.3 208.0 201.6 178.9 180.5 176.6 189.7 181.4	2225
03N/21W-11H03 S	309.4	10/31/84 11/30/84 08/07/85 09/25/85	68.2 58.2 72.4 73.1	241.2 231.2 237.0 236.3	5411	03N/21W-16A01 S	244.1	10/31/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/02/85 05/08/85 06/03/85 07/03/85 08/05/85 09/02/85	62.9(1) 63.0(1) 48.0 90.7 49.3(1) 51.2(1) 54.8(1) 69.2(1) 60.1(1) 67.1(1) 67.1(1) 66.0(1)	181.2 181.1 196.1 193.4 194.6 192.9 189.3 174.9 184.0 177.0 177.0 178.1	2225
03N/21W-11J01 S	286.5	10/31/84 11/30/84 08/07/85 09/25/85	49.7 43.6 NM-1 NM-1	238.8 242.9	5411	03N/21W-16K01 S	232.0	10/01/84 11/02/84 12/05/84 12/06/84 01/03/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/03/85 08/02/85 09/02/85	45.2 45.7 38.2 38.2 33.9 35.8 35.8 67.2(1) 39.1 73.6(1) 76.1(1) 45.9 47.0 47.0	188.8 186.3 193.8 193.8 198.1 196.2 196.2 184.8 192.9 158.4 155.9 186.1 185.0 185.0	5411
03N/21W-12E04 S	276.0	10/02/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/01/85 08/02/85 09/02/85	69.1(1) 67.5(1) 13.6 11.5 10.5 50.4(1) 19.0 34.1 58.1(1) 60.2 65.3(1) 67.5(1)	206.9 208.3 262.4 264.5 265.5 225.6 257.0 241.9 217.9 215.8 210.7 208.5	2225	03N/21W-12E08 S	279.8	10/02/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/01/85 08/02/85 09/02/85	63.9(1) 83.3(1) 17.3 15.0 14.0 21.0 47.2(1) 56.0(1) 34.0 59.9(1) 36.8 62.9(1)	215.9 216.5 282.5 264.8 265.8 258.8 232.6 223.8 245.8 219.9 243.0 216.9	2225
03N/21W-12F03 S	277.0	10/02/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/01/85 08/02/85 09/02/85	81.7(1) 80.0(1) 12.5 10.9 10.8 16.8 17.5 46.0(1) 37.7(1) 29.9 49.5(1) 30.7	195.3 197.0 264.5 268.1 266.2 260.2 259.5 231.0 239.3 247.1 227.5 246.3	2225	03N/21W-16K02 S	228.0	10/01/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/03/85 08/02/85 09/02/85	42.8 40.9 35.1 30.3 29.0 29.7 32.9 35.3 30.9 33.8 41.1 42.8	185.2 187.1 192.9 197.7 199.0 198.3 195.1 192.7 188.1 194.2 186.9 185.2	2225
03N/21W-15C02 S	242.0	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/08/85	46.9 44.9 38.2 30.0 30.0 30.4 34.9 37.0	195.1 197.1 203.8 212.0 212.0 211.6 207.1 205.0	2225	03N/21W-16K03 S	228.7	10/01/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/03/85 08/02/85	157.0(1) 41.1 35.0 29.9 28.6 29.9 32.0 34.7 38.0 42.0 41.6	187.6 193.7 196.8 200.1 198.6 196.7 194.0 190.7 186.7 187.1	2225

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-03 U-03.B U-03.B1	LOS ANGELES HQ SANTA CLARA-CALLEGUAS HU SANTA PAULA HA SULPHUR SPRINGS HSA					U-03 U-03.C U-03.C1	LOS ANGELES HQ SANTA CLARA-CALLEGUAS HU SESPE HA FILLMORE HSA				
03N/21W-16K03 S	228.7	09/02/85	43.0	185.7	2225	03N/20W-02A01 S	375.6	02/07/85 03/01/85 04/03/85 05/16/85 06/03/85 07/33/85 07/30/85 09/04/85	15.0 15.2 15.8 17.8 17.7 18.9 20.8 22.8	360.6 360.4 359.8 357.8 357.9 356.7 354.8 352.6	5411
03H/21W-17001 S	204.0	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	91.3 86.8 90.2 97.4 106.5	192.7 197.2 193.8 186.6 177.5	5121	03H/20W-03M01 S	341.8	10/31/84 11/30/84 06/03/85 08/15/85	NM-1 10.4 11.0 NM-1	331.4 330.8	5411
03N/21W-19G01 S	250.8	10/01/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/02/85 05/07/85 06/03/85 07/03/85 08/02/85 09/03/85	93.9 99.0 75.0 70.5 68.8 74.2 87.1 89.9 94.0 99.0 94.8 54.4	156.9 151.8 175.8 180.3 182.0 176.6 163.7 160.9 156.8 151.8 156.0 196.4	2225	03H/20W-05001 S	437.8	12/06/84 02/07/85 04/02/85 06/05/85 07/25/85	133.9 126.8 137.0 142.0 150.8	303.9 311.0 300.4 295.6 287.0	5121
03N/21W-19N06 S	248.0	10/01/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/02/85 05/07/85 06/04/85 07/03/85 08/02/85 09/02/85	94.3 98.9 71.9 67.9 66.4 71.8 88.4 92.7 94.8 97.7 96.3 80.9	153.7 149.1 176.1 180.1 181.6 176.2 159.6 153.3 153.2 150.3 151.7 167.1	2225	03H/20W-06P01 S		10/02/84	NM-7		5121
03H/21W-19R01 S	235.9	12/06/84 02/05/85 03/22/85 06/12/85 07/30/85	55.1 50.1 55.0 63.2 64.9	180.8 185.8 180.9 172.7 171.0	5121	03H/20W-08A01 S	319.6	07/26/85 08/27/85	12.3 12.2	307.3 307.4	5411
03H/21W-21B01 S	220.8	04/15/85 07/26/85 08/28/85	27.1 33.9 36.1	193.7 186.9 184.7	5411	03H/20W-09F01 S	335.0	10/02/84 12/27/84 02/07/85 04/12/85 06/12/85 08/13/85	NM-4 16.6 17.1 18.5 20.0 NM-9	318.4 317.9 316.5 315.0	5121
03N/21W-29B01 S	192.0	11/29/84 04/15/85 07/26/85 08/28/85	NM-9 16.6 23.0 22.9	175.4 169.0 169.1	5411	03H/20W-11C01 S	397.4	10/02/84 12/27/84 02/07/85 04/12/85 06/12/85 07/30/85	39.1 38.3 36.6 39.6 41.5 43.7	358.3 359.1 358.6 357.6 355.9 353.7	5121
03H/21W-29B01 S	222.8	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	66.2 53.5 56.6 60.0 69.5	156.6 169.3 166.2 162.8 153.3	5121	03H/20W-27B01 S	899.4	10/04/84 12/07/84 02/07/85 04/12/85 06/07/85 08/39/85	423.1 424.1 428.4 431.3 409.2 410.0	476.3 475.3 471.0 468.1 490.2 489.4	5121
03H/21W-30B01 S	222.8	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	66.2 53.5 56.6 60.0 69.5	156.6 169.3 166.2 162.8 153.3	5121	03H/21W-01M01 S	320.3	12/06/84 02/05/85 03/22/85 06/05/85 07/25/85	58.3 59.1(2) 62.8 75.5 86.6	262.0 261.2 257.5 244.6 233.7	5121
03H/21W-30F01 S	220.7	10/02/84 12/06/84 02/07/85 04/12/85 06/05/85 08/13/85	62.5 56.3 52.7 60.2 60.1 NM-1	158.2 184.4 168.0 169.5 160.6	5121	03H/21W-12B01 S	279.0	10/31/84 11/30/84 08/07/85	NM-9 10.8 10.3	286.2 286.7	5411
03H/21W-30H04 S	208.0	12/06/84 02/08/85 04/22/85 05/31/85 06/06/85	39.9 NM-1 NM-1 32.4 46.6	168.1 175.6 161.4	5121	04H/19W-25M01 S	582.0	10/31/84 11/30/84 08/07/85 09/25/85	31.3 NM-2 53.3 39.2	550.7 528.7 542.6	5411
03H/22W-34R01 S	266.2	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	114.8 116.3 116.7 123.9 128.5	151.4 149.9 147.5 142.3 137.7	5121	04H/19W-30001 S	437.8	10/02/84 12/27/84 02/06/85 04/02/85 06/05/85 07/30/85	41.4 36.5 37.3 39.4 41.4 45.6	396.2 399.1 400.3 398.2 396.2 392.0	5121
03H/22W-36K02 S	180.6	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	23.9 20.9 22.3 26.0 24.9	156.7 159.7 158.3 154.6 155.7	5121	04H/19W-30R01 S	441.9	10/02/84 12/27/84 02/06/85 04/02/85 06/05/85 07/30/85	23.1 22.5 22.6 24.0 25.6 30.5	418.8 419.4 419.3 417.9 416.3 411.4	5121
04H/22W-12F01 S	1616.0	10/09/84 12/06/84 02/07/85 04/03/85 06/13/85 07/29/85	147.1 121.2 125.1 128.2 136.8 145.5	1468.9 1494.8 1490.9 1487.6 1479.2 1470.5	5121	04H/19W-31E01 S	417.8	10/30/84 11/30/84 06/03/85 08/07/85	NM-1 10.9 NM-1 NM-1	407.0	5411
03N/19W-06002 S	433.3	10/02/84 12/27/84 02/06/85 04/22/85 06/12/85 07/26/85	42.3 39.8 38.9 42.9 44.3 47.2	391.0 393.5 394.4 390.4 389.0 386.1	5121	04H/19W-31R01 S	448.0	10/11/84 12/27/84 02/06/85 04/02/85 06/12/85 07/30/85	NM-1 38.4 37.9 39.5 44.1 46.4(4)	409.6 410.1 408.5 403.9 401.6	5121
03H/20W-01C04 S	404.2	10/02/84 12/27/84 02/06/85 04/05/85 06/12/85 08/13/85	27.1 24.8 24.4 25.5 29.1 NM-1	377.1 379.4 379.8 378.7 375.1	5121	04H/19W-32A01 S		10/30/84 11/30/84	NM-2 NM-2		5411
03H/20W-02A01 S	375.6	10/31/84 11/30/84 01/04/85	15.7 15.2 14.7	359.9 360.4 360.9	5411	04H/19W-32M02 S	447.3	10/05/84 12/27/84 02/06/85 04/02/85 06/06/85 07/26/85	9.1 9.7 9.9 10.0 10.6 21.0(2)	438.2 437.6 437.4 437.3 436.7 426.3	5121
04H/19W-33003 S	474.3	10/11/84 12/27/84 02/08/85 04/22/85 06/12/85	NM-1 2.1 NM-1 NM-1 NM-1								

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.C U-03.C1	LOS ANGELES HS SANTA CLARA-CALLEGUAS HU SESPE NA FILLMORE NSA					U U-03 U-03.0 U-03.01	LOS ANGELES HS SANTA CLARA-CALLEGUAS HU PIRU HA SANTA FELICIA HSA				
04N/19W-33003 S	474.3	08/06/85	4.1	470.2	5121	04N/18W-29M02 S	635.8	04/14/85 04/21/85 03/05/85 05/12/85 03/19/85 03/26/85 06/02/85 06/09/85 06/16/85 06/23/85 06/30/85 07/28/85 06/04/85 08/11/85 08/19/85 09/01/85 09/08/85 09/15/85 09/22/85 09/29/85	63.5 64.4 66.4 68.0 68.1 70.1 70.2 70.5 71.3 72.7 73.7 78.0 79.0 80.0 80.8 83.1 79.6 74.4 72.1 71.5	572.3 571.4 569.4 567.8 567.7 565.7 565.6 565.3 564.5 563.1 562.1 557.8 556.8 555.8 555.0 552.7 556.2 561.4 563.7 564.3	5411
04N/19W-33004 S	474.3	10/05/84 12/27/84 02/06/85 04/09/85 06/06/85 08/12/85	.7 NM-1 1.1 1.6 2.2 NM-1	473.6 473.2 472.7 472.1	5121						
04N/20W-23002 S	512.8	12/06/84 02/06/85 04/02/85 06/05/85 07/26/85	112.9 110.2 112.9 126.1 124.9	399.9 402.6 399.9 388.7 397.9	5121						
04N/20W-26A02 S	430.7	10/05/84 12/06/84 02/06/85 04/22/85 06/06/85 07/26/85	49.9 43.8 40.6 43.0 46.9 54.8	380.8 386.9 390.1 387.7 383.8 375.9	5121						
04N/20W-26C02 S	504.5	12/06/84 02/06/85 04/02/85 06/05/85 07/26/85	123.3 123.2 142.3 143.8 156.6	381.2 381.3 362.2 360.7 347.9	5121	04N/18W-29P05 S	642.9	10/31/84 11/30/84 06/03/85 08/07/85	35.0 33.4 51.3 60.3	607.9 607.5 591.6 582.6	5411
04N/20W-26L01 S	428.0	10/31/84 11/30/84 08/07/85 09/25/85	51.4 47.5 53.8 53.7	376.6 380.5 374.2 374.3	5411	04N/18W-31C01 S	607.0	10/31/84 11/30/84 06/03/85 08/07/85 09/25/85	34.9 39.2 NM-1 62.1 NM-4	572.1 567.8 544.9	5411
04N/20W-27N01 S	527.3	12/06/84 02/06/85 04/02/85 06/05/85 07/26/85	148.1 142.0 144.1 150.0 154.3	379.2 384.5 383.2 377.3 373.0	5121	04N/19W-25C02 S	610.4	10/05/84 12/26/84 02/08/85 04/05/85 06/06/85 08/06/85	55.5 61.1 63.0 68.1 73.8 80.4	554.9 549.3 547.4 542.3 536.6 530.0	5121
04N/20W-33C03 S	526.0	10/11/84 12/06/84 02/07/85 04/02/85 06/05/85 08/13/85	NM-1 147.7 143.5 146.4 150.4 160.2	378.3 382.5 379.6 373.6 365.8	5121	04N/19W-25K02 S	593.7	10/05/84 12/26/84 02/08/85 04/05/85 06/06/85 08/06/85	29.1 38.3 37.9 42.8 48.7 55.4	564.6 555.4 555.8 550.9 545.0 538.3	5121
04N/20W-36004 S	401.0	10/02/84 12/27/84 02/06/85 04/05/85 06/06/85 07/26/85	18.2 15.0 14.7 15.2 17.7 20.9	382.8 386.0 386.3 385.8 383.3 380.1	5121	04N/19W-26P01 S	565.0	10/11/84 12/27/84 02/08/85 04/22/85 06/12/85 08/12/85	NM-1 23.2 25.5 NM-1 NM-1 NM-1	541.8 539.3	5121
U-03.0 U-03.01	PIRU HA SANTA FELICIA HSA					04N/19W-34K01 S	522.8	10/05/84 12/27/84 02/07/85 04/05/85 06/12/85 08/06/85	9.5 10.4 11.7 14.4 17.6 20.4	513.3 512.4 511.1 508.4 505.2 502.4	5121
04N/18W-19R01 S	655.5	10/11/84 12/26/84 02/07/85 04/19/85 06/12/85 08/12/85	NM-1 83.6 83.8 90.2 96.7 105.5	571.9 571.7 565.3 558.8 550.0	5121	04N/19W-34M02 S	501.2	10/31/84 11/30/84 06/03/85 08/07/85	5.3 4.9 NM-1 9.6	495.9 496.3 491.6	5411
04N/18W-20R01 S	659.7	10/05/84 12/26/84 02/07/85 04/05/85 06/12/85 08/06/85	60.9 64.3 63.4 66.7 79.6 89.5	598.6 595.4 596.3 591.0 580.1 570.2	5121	04N/19W-35L02 S	540.1	10/05/84 12/27/84 02/07/85 04/05/85 06/12/85 08/06/85	6.7 NM-9 12.5 10.8 12.5 24.0	533.4 527.6 529.3 527.6 516.1	5121
04N/19W-27R02 S	713.0	10/31/84 11/30/84 08/07/85 09/25/85	41.4 35.4 59.1 64.9	671.6 677.6 653.9 648.1	5411	05N/18W-33G02 S	1066.0	08/07/85 09/25/85	22.8 27.4	1043.2 1038.6	5411
04N/18W-28C02 S	676.0	10/11/84 12/26/84 02/07/85 04/22/85 06/12/85 08/12/85	NM-1 77.7 77.7 NM-1 NM-1 NM-1	598.3 598.3	5121	U-03.02 U-03.03	UPPER PIRU HSA HUNGRY VALLEY HSA				
04N/18W-29M02 S	635.8	10/07/84 10/14/84 10/21/84 10/28/84 10/31/84 11/04/84 11/11/84 11/18/84 11/25/84 11/31/84 12/02/84 12/09/84 12/16/84 12/23/84 12/30/84 01/01/85 01/06/85 01/13/85 01/27/85 02/03/85 02/10/85 02/17/85 02/24/85 03/03/85 03/10/85 03/17/85 03/31/85	48.2 49.8 51.3 52.7 52.8 55.4 55.0 55.8 56.7 57.4 57.5 58.2 56.6 57.1 56.5 56.4 56.3 56.4 57.0 57.2 57.5 57.7 58.4 59.2 59.9 60.5 61.7	587.6 586.0 584.5 583.1 583.0 580.4 580.8 580.0 579.1 578.4 578.3 577.6 579.2 578.7 579.3 579.4 579.5 579.4 579.8 578.6 578.3 579.1 577.4 576.6 576.0 575.3 574.1	5411	07N/18W-07E01 S	3100.0	10/17/84 04/10/85	59.3 58.1	3040.7 3041.9	5121
						U-03.04	STAUFFER HSA				
						08N/21W-33R03 S	5150.0	10/17/84 04/10/85	24.8 25.7	5125.2 5124.3	5121
						08N/21W-35R01 S	5043.0	10/17/84 04/10/85	54.5 54.3	4988.5 4988.7	5121
						08N/21W-36G02 S	4922.0	10/17/84 04/10/85	16.6 16.0	4905.4 4906.0	5121
						U-03.E U-03.E1	UPPER SANTA CLARA RIVER HA EASTERN HSA				
						04N/17W-01A01 S	1066.0	12/13/84 03/08/85 06/26/85	26.9 28.1 30.6	1039.2 1037.9 1035.4	5050
						04N/17W-01J01 S	1052.9	12/13/84 03/08/85 06/26/85	21.7 22.9 NM-1	1031.2 1030.0	5050
						04N/17W-12R02 S	1043.0	12/13/84 03/08/85	21.0 23.7	1022.0 1019.3	5050

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-03 U-03.E U-03.E1	LOS ANGELES NB SANTA CLARA-CALLEGUAS MU UPPER SANTA CLARA RIVER HA EASTERN HSA					U-03 U-03.F U-03.F1	LOS ANGELES NB SANTA CLARA-CALLEGUAS MU CALLEGUAS-CONEJO H4 WEST LAS POSAS HSA				
04N/17W-12802 S	1043.0	06/26/85	26.4	1016.6	5050	02N/21W-12H01 S		07/02/85 06/15/85	NM-1 NM-1		5121
04N/17W-13C02 S	986.0	12/13/84 05/08/85 06/26/85	12.9 17.3 16.3	973.1 968.7 969.7	5050	02N/21W-15H03 S	263.0	10/10/84 12/26/84 02/04/85 04/15/85 07/02/85 06/15/85	NM-1 253.4 277.0 269.5 269.3(4) 268.4	7.6 -14.0 -6.5 -6.3 -5.4	5121
05N/17W-25802 S	1140.0	12/13/84 05/08/85 06/26/85	37.1 38.0 40.2	1102.9 1102.0 1099.8	5050	02N/21W-15H01 S	330.2	12/07/84 02/01/85 03/22/85 07/02/85 08/09/85	384.2 381.9 390.9 NM-7 409.4	-54.0 -51.7 -60.7 -79.2	5121
05N/17W-25804 S	1136.0	12/13/84 05/08/85 06/26/85	31.2 33.5 34.6	1104.8 1102.3 1101.4	5050	02N/21W-16J01 S	259.4	12/26/84 02/04/85 04/15/85 07/02/85 06/15/85	33.9 34.0 33.9 33.2 33.8	225.5 225.4 225.5 226.2 224.6	5121
05N/17W-25805 S		12/13/84 03/08/85 06/26/85	ORY ORY ORY		5050	02N/21W-20004 S	106.9	12/26/84 01/23/85 04/12/85 06/17/85 08/09/85	77.6 NM-9 115.4(6) NM-7 NM-7	29.3 -8.5	5121
05N/17W-25606 S	1130.0	12/13/84 05/08/85 06/26/85	32.8 33.5 37.1	1097.2 1096.5 1092.9	5050	02N/21W-22E02 S	362.3	12/21/84 02/01/85 04/15/85 07/02/85 08/09/85	400.4 433.3 447.5 473.5 474.4(6)	-38.1 -73.0 -85.2 -111.2 -112.1	5121
05N/17W-36A03 S	1110.0	12/13/84 05/08/85 06/26/85	25.9 NM-1 31.6	1084.1 1078.4	5050	U-03.F2 EAST LAS POSAS HSA					
05N/17W-36G04 S	1090.0	12/13/84 05/08/85 06/26/85	19.3 22.7 24.4	1070.7 1067.3 1065.6	5050	02N/19W-03A01 S	582.3	12/06/84 02/03/85 04/12/85 06/11/85 08/20/85	4.3 4.6 4.6 NM-9 4.9	578.0 577.7 577.7 377.4	5121
05N/17W-36H03 S	1100.0	12/13/84 05/08/85 06/26/85	25.7 28.4 30.0	1074.3 1071.6 1070.0	5050	02N/19W-04K01 S	526.7	10/05/84 12/14/84 02/12/85 04/15/85 06/10/85 08/08/85	29.0 28.3 29.5 26.3 29.1 29.6	497.7 498.4 497.2 500.4 497.6 497.1	5121
05N/17W-36J02 S	1088.0	12/13/84 05/08/85 06/26/85	16.9 NM-1 20.2	1071.1 1067.8	5050	02N/19W-05K01 S	496.4	10/05/84 12/14/84 02/12/85 04/15/85 06/07/85 08/09/85	34.8 34.3 35.3 32.0 NM-9 NM-2	461.6 462.1 461.1 464.4	5121
U-03.E9 ACTON HSA						02N/19W-06N03 S	442.8	10/05/84 12/14/84 02/12/85 04/15/85 06/07/85 08/09/85	25.9 24.3 22.5 23.7 24.3 24.5	416.9 418.5 420.3 419.1 418.5 418.3	5121
015/04W-14J05 S	1045.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	39.3 34.0 28.7 15.1 13.5 31.6 30.6 46.9 48.1 45.8 49.6 34.1	1003.3 1011.0 1016.3 1029.9 1031.3 1013.4 1014.4 998.1 996.9 999.2 993.4 990.9	9263	02N/19W-08G03 S	491.4	10/05/84 12/14/84 02/12/85 04/15/85 06/07/85 08/09/85	32.4 24.9 27.1 26.6 26.7 24.9	459.0 466.5 464.8 464.7 466.5	5121
015/04W-24F06 S	1076.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	64.5(1) 59.8(1) 36.7(1) 32.1(1) 36.9(1) 50.7(1) 46.6(1) 81.2(1) 82.8(1) 83.0 71.6 82.9	1011.5 1016.2 1039.3 1043.9 1039.1 1025.3 1029.4 994.8 993.2 993.0 1004.4 993.1	9263	02N/20W-01H01 S	472.0	10/04/84 12/12/84 02/12/85 04/12/85 06/07/85 08/09/85	NM-1 254.3 233.4 262.6 261.7 NM-2	217.7 218.4 209.4 210.3	5121
015/04W-24F10 S	1073.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	91.9 49.2 27.2 23.5 27.9 38.5 34.4 59.1 62.1 75.9 73.0 73.1	1023.1 1025.8 1047.8 1049.3 1047.1 1036.5 1040.6 1015.9 1012.9 999.1 1002.0 999.9	9263	02N/20W-03K02 S	483.1	10/04/84 12/12/84 02/07/85 04/12/85 06/07/85 08/09/85	372.2 NM-9 354.9 NM-1 365.0 NM-1	110.9 128.2 118.1	5121
U-03.F U-03.F1	CALLEGUAS-CONEJO HA WEST LAS POSAS HSA					02N/20W-06N01 S	515.1	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	NM-1 NM-9 630.0 NM-1 631.9 623.7	-111.9 -113.8 -103.6	5121
02N/21W-03L01 S	501.7	12/21/84 02/04/85 03/22/85 07/02/85 08/09/85	310.9 316.2 314.9 315.7 317.7	190.8 185.3 186.8 186.0 184.0	5121	02N/20W-08F01 S	436.1	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	555.4 548.2 535.7 NM-1 537.4 562.6	-119.3 -112.1 -99.6 -121.3 -126.5	5121
02N/21W-08G01 S	336.2	12/21/84 02/04/85 03/22/85 07/02/85 08/09/85	266.7 266.1 276.2 292.5 287.1	69.3 70.1 60.0 43.7 49.1	5121	02N/20W-09F01 S	400.5	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	285.0 275.3 271.7 280.0 NM-1 NM-1	115.3 123.2 128.4 120.5	5121
02N/21W-09001 S		12/26/84 02/11/85 04/15/85 07/02/85 08/15/85	NM-1 NM-1 328.8 NM-1 NM-1		5121	02N/21W-11J02 S	387.1	12/26/84 02/04/85 04/12/85 07/02/85 08/09/85	322.5 320.5 326.7 326.3 334.0	64.6 66.6 60.4 60.8 55.1	5121
02N/21W-12H01 S	416.1	12/21/84 02/04/85 04/12/85	449.0 461.7 NM-1	-32.9 -45.6	5121	02N/20W-09H01 S	310.0	10/04/84 12/12/84 02/07/85 04/11/85	NM-1 153.4 167.4 NM-1	156.6 142.6	5121



TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.F U-03.F2	LOS ANGELES NB SANTA CLARA-CALLEGUAS HU CALLEGUAS-CONEJO HA EAST LAS POSAS HSA					U U-03 U-03.F U-03.F2	LOS ANGELES NB SANTA CLARA-CALLEGUAS HU CALLEGUAS-CONEJO HA EAST LAS POSAS HSA				
02N/20W-09R01 S		06/06/85 08/09/85	NN-1 NN-1	5121		03N/21W-35P01 S	571.0	10/10/84 12/21/84 02/04/85	NN-1 565.5 515.0	6.3 56.0	5121
02N/20W-10002 S	462.0	10/04/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	NN-1 335.6 329.9 339.5 339.9 341.0	126.4 132.1 126.5 122.1 121.0	5121	03N/21W-36001 S	555.7	12/21/84 02/04/85 04/10/85 07/02/85 08/15/85	468.5 476.0 482.6 NN-1 NN-1	87.2 79.7 73.1	5121
02N/20W-10601 S	415.1	10/04/84 12/12/84 02/07/85 04/12/85 06/07/85 08/09/85	248.5 242.9 234.1 232.6 237.1 NN-1	166.6 172.2 181.0 182.5 178.0	5121	U-03.F3	APPROXD SANTA ROSA HSA				
02N/20W-10J01 S	406.0	10/04/84 12/12/84 02/07/85 04/12/85 06/07/85 08/09/85	220.0 217.7 209.5 201.7 204.8 212.6	186.8 189.1 197.3 205.1 202.0 194.2	5121	02N/19W-19L01 S	346.0	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	59.8 57.7 57.7 57.5 56.8 56.8	286.2 288.3 288.3 288.5 289.2 289.2	5121
02N/20W-12602 S	420.0	10/03/84 12/12/84 02/12/85 04/15/85 06/07/85 08/09/85	26.9 26.7 26.2 25.9 26.2 26.0	393.1 393.3 393.8 394.1 393.8 394.0	5121	02N/19W-19R02 S	291.4	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	103.0 102.4 102.6 105.9 105.0 105.3	188.4 189.0 188.8 185.5 186.4 186.1	5121
02N/20W-18A01 S	374.6	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	NN-1 483.1 481.7 492.4 NN-1 NN-1	-108.5 -107.1 -117.8	5121	02N/19W-20L01 S	304.5	12/06/84 02/01/85 04/11/85 06/05/85 08/02/85 09/25/85	122.4 119.9 120.5 123.7 118.8 119.5	182.1 184.6 184.0 180.8 185.7 185.0	5121
03N/19W-19J01 S	1060.0	10/05/84 12/13/84 02/14/85 04/15/85 06/10/85 08/08/85	792.5 792.0 798.0 797.7 785.0 796.0	267.5 268.0 262.0 262.3 275.0 264.0	5121	02N/19W-21C02 S	489.6	11/23/84 02/01/85 04/11/85 06/05/85 08/02/85 09/25/85	9.8 9.8 10.0 10.1 12.6 12.9	479.8 479.8 479.6 479.5 477.0 476.7	5121
03N/19W-19P02 S	1056.2	10/05/84 12/13/84 02/14/85 04/15/85 06/10/85 08/09/85	829.9 NN-1 NN-1 NN-1 816.9 843.9	232.3 241.3 214.3	5121	02N/20W-22G01 S	282.7	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	160.7 161.5 149.8 148.0 151.5 153.1	122.0 121.2 132.9 134.7 131.2 129.6	5121
03N/19W-29K04 S	843.8	10/05/84 12/13/84 02/14/85 04/15/85 06/10/85 08/22/85	NN-1 506.4 500.6 505.2 NN-1 NN-1	337.4 343.2 338.6	5121	02N/20W-23K01 S	272.7	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	148.4 141.2 148.0 NN-1 153.2 154.8	124.3 131.5 124.7 119.5 117.9	5121
03N/19W-30E03 S	850.7	10/05/84 12/13/84 02/14/85 04/15/85 06/11/85 08/09/85	644.9 639.8 642.1 643.5 639.1 NN-1	205.8 210.9 206.6 207.2 211.6	5121	02N/20W-23R01 S	234.6	12/06/84 02/01/85 03/22/85 06/05/85 08/20/85 09/25/85	64.2 64.3 NN-1 NN-1 70.5 NN-1	170.4 170.3 164.1	5121
03N/19W-32A01 S	815.2	02/14/85 04/15/85 06/10/85 08/08/85	571.7 568.0 562.0 576.0	243.5 247.2 253.2 239.2	5121	02N/20W-25L01 S	235.2	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	42.4 41.3 41.4 44.4 46.7 50.2	192.8 193.9 193.0 190.6 189.5 185.0	5121
03N/19W-32G01 S	840.0	10/05/84 12/13/84	591.3 NN-9	248.7	5121	02N/20W-26B03 S	205.5	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	35.4 31.4 20.0 40.0 42.3 NN-1	170.1 174.1 185.5 165.5 163.2	5121
03N/19W-33P03 S		10/05/84 12/14/84 02/12/85 04/15/85 06/10/85 08/23/85	NN-1 NN-1 NN-1 NN-1 NN-1 NN-1		5121	U-03.F4	CONEJO VALLEY HSA				
03N/20W-23L01 S	969.6	10/09/84 12/13/84 02/14/85 04/12/85 06/11/85 08/09/85	724.7 NN-1 NN-1 730.6 730.1 731.8	244.9 239.0 239.5 237.8	5121	01N/19W-07K16 S	634.6	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	8.6 6.5 6.1 7.8 9.4	626.0 628.1 628.9 626.8 625.2	5121
03N/20W-24J01 S	1035.5	10/05/84 12/13/84 02/14/85 04/12/85 06/11/85 08/09/85	NN-1 NN-1 825.7 NN-1 NN-1 NN-9	209.8	5121	01N/20W-03J01 S	762.9	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	54.1 51.5 52.8 60.6 63.1	708.8 711.4 710.1 702.3 699.8	5121
03N/20W-25M01 S	822.5	10/05/84 12/13/84 02/04/85 04/12/85 06/11/85 08/09/85	241.7 236.1 242.8 234.9 240.3 245.2	586.8 586.4 579.7 587.6 582.2 577.3	5121	U-03.F5	TIERRA REJADA VALLEY HSA				
03N/20W-34G01 S	679.7	10/04/84 12/07/84 02/07/85 04/12/85 06/07/85 08/09/85	572.7 567.7 558.4 564.9 565.5 560.7	107.0 112.0 121.3 114.8 114.2 119.0	5121	02N/19W-10P01 S	618.6	12/06/84 02/05/85 04/11/85 06/05/85 08/02/85 09/25/85	109.2 107.1 107.8 109.3 106.6 NN-9	509.4 511.5 510.8 509.3 512.0	5121
						02N/19W-12M03 S	719.0	12/06/84 02/05/85 04/10/85 06/05/85 08/02/85 09/25/85	113.5 113.2 116.1 118.8 114.9 113.2	605.5 605.8 602.9 600.2 604.1 605.8	5121
						02N/19W-14P01 S	677.4	12/06/84	39.7	643.7	5121

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-03 U-03.F U-03.F5	LOS ANGELES NB SANTA CLARA-CALLEGUAS MU CALLEGUAS-CONEJO MA TIERRA REJADA VALLEY NSA					U-04 U-04.6 U-04.66	LOS ANGELES NB MALIBU HU MALIBU CREEK MA SHERWOOD NSA				
02N/19W-14P01 S	677.4	02/05/85 04/11/85 06/05/85 08/02/85 09/25/85	33.8 NM-1 35.1 34.6 NM-1	643.6 642.3 642.8	5121	01N/19W-19L02 S	1082.0	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	79.2 76.5 77.1 79.8 89.2	1002.8 1005.5 1004.9 1002.2 992.8	5121
02N/19W-15F02 S	500.0	12/06/84 02/05/85 04/11/85 06/05/85 08/02/85 09/25/85	94.1 91.7 91.5 93.1 88.8 87.0	405.9 408.3 406.5 406.9 411.2 413.0	5121	01N/19W-28A01 S	963.3	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	37.4 6.3 19.3 31.2 49.1	925.9 957.0 948.0 932.1 914.2	5121
U-03.F7	SIMI VALLEY NSA					01N/19W-30A01 S	996.2	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	20.2 16.4 17.8 23.0 30.8	978.0 981.8 980.4 975.2 967.4	5121
02N/17W-06J01 S	1039.4	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	NM-9 71.7 72.4 72.7 73.5 74.1	967.7 967.0 966.7 965.9 965.3	5121	01N/20W-24H02 S	1126.0	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	54.8 55.3 46.5 50.3 57.5	1071.2 1070.7 1077.5 1075.7 1068.5	5121
02N/17W-09H05 S	1047.8	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	15.6 13.9 14.4 14.4 14.4 15.7	1032.2 1031.9 1033.4 1033.4 1033.4 1032.1	5121						
02N/18W-07F04 S	753.4	12/04/84 02/05/85 04/10/85 05/14/85 07/29/85 09/25/85	54.8 54.8 56.9 55.4 59.6 59.8	698.8 698.6 696.5 698.0 693.8 693.6	5121						
02N/18W-08C02 S		12/03/84 02/01/85 03/27/85 05/14/85 07/29/85 09/25/85	FLOW FLOW FLOW FLOW FLOW FLOW		5121						
02N/18W-09H01 S		12/03/84 02/01/85 03/27/85 05/14/85 07/29/85 09/25/85	FLOW FLOW FLOW FLOW FLOW FLOW		5121						
02N/18W-13C01 S	939.2	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	55.9 55.4 54.6 54.4 53.8 56.1	883.3 883.8 884.6 884.8 885.4 883.1	5121						
02N/18W-14C03 S	883.2	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	33.8 33.2 31.8 31.7 31.8 32.2	849.4 850.0 851.4 851.5 851.4 851.0	5121						
U-03.F8	THOUSAND OAKS NSA										
01N/19W-02L01 S	945.2	12/03/84 02/06/85 04/09/85 06/04/85 07/26/85	58.2 57.6 60.2 61.4 62.7	887.0 887.8 885.0 883.8 882.5	5121						
01N/19W-14K04 S	907.9	12/03/84 02/06/85 04/09/85 06/04/85 07/26/85	23.9 23.2 23.3 24.0 24.6	884.0 884.7 884.6 883.9 883.3	5121						
01N/19W-15E01 S	902.6	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	26.8 29.9 26.2 27.1 27.7	875.8 876.7 876.4 875.5 874.9	5121						
02N/18W-31K01 S	1148.5	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	27.6 23.5 23.3 24.1 24.3	1120.9 1125.0 1125.2 1124.4 1124.2	5121						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.4 U-05.42	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN NA WEST COAST NSA					U U-05 U-05.4 U-05.42	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN NA WEST COAST NSA				
025/14W-19K02 S	57.0	10/24/84 04/10/85	60.7 59.6	-3.7 -2.6	5050	035/14W-14A01 S	84.0	10/17/84 03/28/85 04/04/85	119.0 119.4(5) 118.6	-33.0 -33.4 -34.6	5050 4776 5050
025/14W-19K03 S	57.0	10/24/84 04/10/85	69.1 67.5	-12.1 -10.5	5050	035/14W-14001 S	50.0	10/16/84 03/28/85 04/04/85	120.1 208.0(1) 115.8	-70.1 -158.0 -65.8	5050 4776 5050
025/14W-19001 S	48.9	10/24/84 04/10/85	54.1 53.0	-5.2 -4.1	5050	035/14W-17G02 S	87.0	10/23/84 04/09/85	109.9 105.4	-22.9 -18.4	5050
025/14W-27M01 S	153.0	10/24/84 04/10/85	214.1 209.5	-39.1 -54.5	5050	035/14W-18C01 S	98.8	10/19/84 04/08/85	98.0 96.0	.8 2.8	5050
025/14W-34F01 S	192.0	10/23/84 04/10/85	200.5 197.2	-48.5 -45.2	5050	035/14W-18K04 S		10/22/84 04/08/85	NM-0 NM-0		5050
025/14W-34L02 S	137.0	10/23/84 04/10/85	198.4 196.6	-61.4 -59.6	5050	035/14W-18N04 S	110.0	10/18/84 04/08/85	125.7 119.0	-15.7 -9.0	5050
035/13W-19K02 S	45.0	10/16/84 04/03/85	72.0 68.7	-27.0 -23.7	5050	035/14W-18N05 S	112.0	10/18/84 04/08/85	103.3 100.4	8.7 11.6	5050
035/13W-29A02 S	67.0	10/15/84 04/04/85	113.7 103.3	-46.7 -36.3	5050	035/14W-19E02 S	148.7	10/18/84 04/08/85	138.4 131.5	10.3 17.2	5050
035/13W-29C08 S		04/16/85	NM-8		5050	035/14W-20P01 S	73.8	10/18/84 04/05/85	77.2 93.4	-3.4 -9.6	5050
035/13W-29006 S	49.0	10/15/84 04/04/85	100.3 97.4	-51.3 -48.4	5050	035/14W-21M01 S	62.0	10/17/84 03/28/85 04/04/85	113.0 83.0(5) 94.1	-51.0 -21.0 -32.1	5050 4776 5050
035/13W-29007 S	49.0	10/15/84 04/04/85	117.8 108.2	-68.8 -57.2	5050	035/14W-21M02 S	52.0	10/18/84 04/04/85	77.0 74.2	-25.0 -22.2	5050
035/13W-29F11 S	50.0	04/16/85	109.2	-59.2	5050	035/14W-22A01 S	48.0	10/16/84 03/28/85 04/04/85	84.4 76.0(5) 78.1	-36.4 -28.0 -30.1	5050 4776 5050
035/13W-30A10 S	43.0	10/17/84 04/09/85	103.4 97.1	-60.6 -54.1	5050	035/14W-22A02 S	50.0	10/16/84 03/28/85 04/04/85	119.5 113.0(5) 111.7	-69.5 -63.0 -61.7	5050 4776 5050
035/13W-30J01 S	38.2	10/16/84 04/09/85	94.6 90.6	-56.4 -54.4	5050	035/14W-22K01 S	50.0	10/16/84 03/28/85 04/04/85	84.5 82.3(5) 82.8	-34.5 -32.3 -32.8	5050 4776 5050
035/13W-30J05 S	35.0	10/17/84 04/09/85	69.1 60.5	-34.1 -25.5	5050	035/14W-22L01 S	51.0	10/17/84 03/28/85 04/04/85	82.2(5) 82.2(5) 82.2(5)	-31.2 -31.2 -31.2	5050 4776 5050
035/13W-30K01 S	39.5	10/17/84 04/04/85	64.1 61.6	-24.6 -22.1	5050	035/14W-22001 S	45.0	03/28/85	132.5(1)	-87.5	4776
035/13W-30001 S	33.0	10/16/84 04/03/85	44.0 41.0	-11.0 -8.0	5050	035/14W-25F03 S	38.7	10/16/84 04/03/85	61.3 58.6	-22.6 -19.9	5050
035/13W-31M01 S		10/17/84 04/09/85	NM-7 NM-7		5050	035/14W-25N02 S	39.2	10/16/84 04/09/85	60.4 60.8	-21.2 -21.6	5050
035/14W-03K01 S	76.0	10/17/84 03/28/85 04/05/85	144.0 141.0(5) 136.2	-68.0 -65.0 -60.2	5050 4776 5050	035/14W-25N04 S	23.0	10/17/84 03/28/85 04/04/85	92.8 82.0(5) 80.3	-67.8 -57.0 -55.3	5050 4776 5050
035/14W-03K02 S	76.0	10/17/84 03/28/85 04/05/85	131.5 234.0(1) 129.6	-55.5 -158.0 -53.6	5050 4776 5050	035/14W-27C01 S	45.0	10/16/84 04/03/85	83.1 75.5	-38.1 -30.3	5050
035/14W-03K03 S	76.0	10/17/84 03/28/85 04/05/85	NM-1 172.0(1) NM-1		5050 4776 5050	035/14W-29F01 S	77.3	10/15/84 04/03/85	80.0(4) 79.2	-2.7 -1.9	5050
035/14W-04N01 S	74.0	10/17/84 03/28/85 04/05/85	167.8 139.0(5) 138.6	-93.8 -65.0 -64.6	5050 4776 5050	035/14W-29J01 S	95.0	10/15/84 04/03/85	105.1(4) 101.5	-10.1 -6.5	5050
035/14W-04N02 S	74.0	10/17/84 03/28/85 04/05/85	159.1 144.2(5) 144.0	-85.1 -70.2 -70.0	5050 4776 5050	035/14W-29M01 S	114.2	10/15/84 04/03/85	118.1 115.2	-3.9 -1.0	5050
035/14W-07N01 S	125.4	10/23/84 04/09/85	122.6 120.9	2.8 4.5	5050	035/14W-29N01 S		10/15/84 04/03/85	NM-4 NM-4		5050
035/14W-09N03 S	79.8	10/23/84 04/09/85	109.7 101.7	-29.9 -21.9	5050	035/14W-30N02 S	116.7	10/17/84 04/02/85	111.9 110.5	4.6 6.2	5050
035/14W-09N04 S	80.1	10/23/84 04/09/85	118.3 NM-1	-38.2	5050	035/14W-30M02 S	175.6	10/17/84 04/02/85	166.9 165.3	8.7 10.3	5050
035/14W-09N05 S	95.5	10/23/84 04/09/85	125.5 120.3	-30.0 -24.8	5050	035/14W-30M03 S	226.1	10/17/84 04/02/85	217.1 215.5	9.0 10.6	5050
035/14W-09P01 S	81.2	10/23/84 04/09/85	116.6 104.9	-35.4 -23.7	5050	035/14W-30N01 S	192.1	10/17/84 04/02/85	173.6 172.5	8.5 9.6	5050
035/14W-11001 S	116.0	10/15/84 04/03/85	151.3 149.6	-35.3 -33.6	5050	035/14W-31001 S	117.8	10/17/84 04/04/85	108.0 107.2	9.8 10.6	5050
035/14W-11G02 S	150.0	10/16/84 03/28/85 04/05/85	228.2 NM-9 221.9	-78.2 NM-9 -71.9	5050 4776 5050	035/14W-31L03 S	151.0	10/16/84 04/04/85	157.3 156.4	-6.3 -5.4	5050
035/14W-11J02 S	160.0	10/16/84 04/03/85	234.7 261.7	-74.7 -101.7	5050	035/14W-32A02 S	95.6	10/15/84 04/03/85	106.4(4) 97.8	-10.8 -2.2	5050
035/14W-13B02 S	127.0	10/16/84 03/28/85 04/09/85	217.3 214.0(5) 206.3	-90.3 -87.0 -79.3	5050 4776 5050	035/14W-33E01 S	120.0	10/15/84 04/03/85	130.2(4) 127.0	-10.2 -7.0	5050
035/14W-13J03 S	83.0	10/17/84 03/28/85 04/04/85	157.4 154.7(5) 160.7	-74.4 -71.7 -77.7	5050 4776 5050	035/14W-33L01 S	90.0	10/15/84 04/03/85	96.0 93.2	-6.0 -3.2	5050
035/14W-13J04 S	82.0	10/17/84 03/28/85 04/04/85	154.2 156.5(5) 162.0	-72.2 -74.5 -80.0	5050 4776 5050	035/14W-34B02 S	65.0	10/16/84 04/03/85	114.5(5) 94.0	-49.5 -29.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.4 U-05.42	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA					U U-05 U-05.4 U-05.42	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA				
035/14W-34C02 S	62.8	10/01/84 04/03/85	87.0 87.0	-24.2 -24.2	5050	035/15W-25G09 S	86.0	10/17/84 04/02/85	NM-4 74.8	11.2	5050
035/14W-34H04 S	70.0	10/15/84 04/03/85	89.7 87.6	-19.7 -17.6	5050	035/15W-25H03 S	209.1	10/17/84 04/02/85	189.8 198.7	9.3 10.4	5050
035/14W-39B03 S	46.0	10/17/84 04/09/85	64.2 50.0	-18.2 -4.0	5050	035/15W-25L02 S	94.4	10/17/84 04/02/85	85.3 84.7	9.1 9.7	5050
035/14W-39H07 S	66.0	10/15/84 04/04/85	113.0 87.0	-47.0 -21.0	5050	035/15W-25P01 S	73.0	10/17/84 04/04/85	68.7 68.6	4.3 4.4	5050
035/15W-01R01 S	112.3	10/22/84 04/08/85	105.4 104.6	6.4 7.7	5050	035/15W-25Q03 S	72.5	10/17/84 04/04/85	63.5 62.4	9.0 10.1	5050
035/15W-11H09 S	30.0	10/22/84 04/04/85	21.8 23.1	8.2 6.9	5050	035/15W-25R02 S	76.4	10/17/84 04/02/85	169.0 168.0	-92.6 -91.6	5050
035/15W-11O01 S	106.2	10/22/84 04/04/85	98.6 98.2	7.6 8.0	5050	035/15W-25R04 S	70.6	10/17/84	61.6	9.0	5050
035/15W-12A01 S	127.1	10/22/84 04/08/85	118.9 116.3	8.2 10.8	5050	035/15W-36A02 S	64.2	10/17/84 04/04/85	54.7 52.2	9.5 12.0	5050
035/15W-12B01 S	103.4	10/22/84 04/08/85	99.5 98.9	3.9 4.5	5050	045/12W-30R01 S	7.7	10/24/84 04/16/85	77.3 71.2	-64.6 -63.5	5050
035/15W-12G01 S	112.6	04/08/85	104.4	8.2	5050	045/12W-32G01 S	38.0	10/24/84 04/03/85	39.1 38.2	-1.1 -2	5050
035/15W-12H02 S	127.1	10/23/84 04/08/85	106.3 106.4	20.8 20.7	5050	045/13W-06Q01 S		10/22/84 04/03/85	NM-4 NM-6		5050
035/15W-12J01 S	111.2	10/23/84 04/09/85	99.2 98.2	12.0 13.0	5050	045/13W-07H01 S	20.3	10/18/84 04/03/85	79.7 82.1	-59.4 -61.8	5050
035/15W-12R02 S	95.9	10/23/84 04/09/85	84.1 82.0	11.8 13.9	5050	045/13W-09H02 S	25.7	10/18/84 04/10/85	107.4 97.7	-81.7 -72.0	5050
035/15W-13A04 S	122.1	10/19/84 04/19/85	101.6 98.6	20.5 23.5	5050	045/13W-10C02 S	27.1	10/22/84 04/16/85	130.0 123.2	-102.9 -96.1	5050
035/15W-13H02 S	104.3	10/19/84 04/19/85	22.1 91.6	82.2 12.7	5050	045/13W-10E02 S	25.0	10/18/84 04/10/85	47.2 44.2	-22.2 -19.2	5050
035/15W-13H03 S	103.0	10/19/84 04/19/85	35.0 37.7	68.0 65.3	5050	045/13W-10E03 S	26.0	10/18/84 04/10/85	106.1 95.7	-80.1 -69.7	5050
035/15W-13H08 S	98.2	10/19/84 04/19/85	87.2 86.0	11.0 12.2	5050	045/13W-14L01 S	28.5	10/22/84 04/17/85	47.5 46.2	-19.0 -17.7	5050
035/15W-13H09 S	98.2	10/19/84 04/19/85	85.2 84.9	13.0 13.3	5050	045/13W-15Q01 S	22.0	10/17/84 04/09/85	38.0 35.3	-16.0 -13.3	5050
035/15W-13J04 S	98.8	10/19/84 04/19/85	93.2 92.9	5.6 5.9	5050	045/13W-15R03 S	20.0	10/17/84 04/08/85	41.5 NM-6	-21.5	5050
035/15W-13R02 S	153.2	10/19/84 04/19/85	68.0 72.2	85.2 81.0	5050	045/13W-16R02 S	25.0	04/28/85	100.0	-75.0	5050
035/15W-13P03 S	133.9	10/19/84 04/19/85	121.0 122.3	12.9 11.6	5050	045/13W-19B01 S	40.0	10/04/84 04/03/85	99.3 82.2	-59.3 -42.2	5050
035/15W-13R06 S	149.0	10/19/84 04/19/85	144.8 145.6	4.2 3.4	5050	045/13W-19J02 S	44.3	10/22/84 04/09/85	95.4 90.6	-51.1 -46.3	5050
035/15W-13R08 S	153.7	10/22/84 04/19/85	139.9 140.6	13.8 15.1	5050	045/13W-19J06 S	40.0	10/22/84 04/09/85	88.1(4) 86.0(4)	-48.1 -46.0	5050
035/15W-13R10 S	158.1	10/19/84 04/19/85	139.2 141.3	18.9 16.8	5050	045/13W-20K01 S	37.0	10/18/84 04/17/85	94.1 89.8	-59.1 -52.8	5050
035/15W-14J01 S	154.9	10/22/84 04/19/85	148.3 147.5	6.6 7.4	5050	045/13W-21H02 S	35.0	02/28/85	100.8	-65.8	5050
035/15W-24F06 S	122.4	10/18/84 04/03/85	107.1 110.9	15.3 11.5	5050	045/13W-21H06 S	20.0	02/28/85	85.8	-65.8	5050
035/15W-24H02 S	125.9	10/18/84 04/08/85	109.0 109.0	16.9 16.9	5050	045/13W-21H07 S	30.0	02/24/85	87.0	-57.0	5050
035/15W-24K01 S	123.3	10/18/84 04/05/85	109.9 108.8	13.4 14.5	5050	045/13W-21J02 S	34.0	02/28/85	99.5	-65.5	5050
035/15W-24M01 S	93.0	10/18/84 04/05/85	82.3 80.8	10.7 12.2	5050	045/13W-21R01 S	31.0	10/03/84 04/03/85	113.5 105.5	-82.5 -74.5	5050
035/15W-24P01 S	119.4	10/18/84 04/05/85	109.8 104.1	14.1 15.8	5050	045/13W-21R02 S	39.8	10/03/84 04/03/85	110.0 110.0	-70.2 -70.2	5050
035/15W-24P02 S	162.9	10/18/84 04/05/85	132.3 150.8	10.6 12.1	5050	045/13W-22E01 S	20.0	02/28/85	87.8	-67.8	5050
035/15W-25A03 S	156.0	10/18/84 04/08/85	150.8 147.8	5.2 8.2	5050	045/13W-22F01 S	20.0	02/28/85	87.5	-67.5	5050
035/15W-25B02 S	126.5	10/17/84 04/02/85	117.2 115.7	9.3 10.8	5050	045/13W-22F02 S	21.9	10/18/84 04/10/85	100.4 88.5	-78.5 -66.6	5050
035/15W-25C04 S	136.8	10/17/84 04/02/85	126.4 125.1	10.4 11.7	5050	045/13W-22P01 S	16.0	10/18/84 04/08/85	101.0 94.6	-85.0 -78.6	5050
035/15W-25C05 S	103.8	10/17/84 04/02/85	96.8 96.3	7.0 7.5	5050	045/13W-22Q03 S	15.3	10/22/84 04/10/85	93.1 83.9	-77.8 -68.6	5050
035/15W-25D01 S	82.7	10/17/84 04/02/85	77.8 77.1	4.9 5.6	5050	045/13W-22Q04 S	15.5	10/22/84 04/10/85	92.5 92.8	-77.0 -67.3	5050
035/15W-25Q02 S	22.6	10/17/84 04/02/85	14.2 19.0	3.4 3.6	5050	045/13W-22Q05 S	15.9	10/22/84 04/10/85	34.3 31.9	-18.4 -16.0	5050
						045/13W-23B02 S	24.5	10/22/84 04/10/85	103.2 93.5	-78.7 -69.0	5050
						045/13W-23H03 S	17.4	10/22/84	93.9	-76.4	5050

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.A U-05.A2	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA					U U-05 U-05.A U-05.A2	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA				
04S/13W-23N03 S	17.4	04/10/85	84.2	-66.8	5050	04S/13W-35J02 S	22.7	04/10/85	31.6	-8.9	5050
04S/13W-23N04 S	17.4	10/22/84 04/10/85	33.5 32.0	-16.1 -14.6	5050	04S/14W-01F02 S	51.0	10/15/84 04/04/85	107.3 104.0	-56.3 -53.0	5050
04S/13W-25F01 S	13.1	10/24/84 04/10/85	26.6 26.1	-13.5 -13.0	5050	04S/14W-01F03 S	50.8	10/15/84 04/04/85	111.4 104.5	-60.6 -53.7	5050
04S/13W-26A02 S	32.0	10/24/84 04/10/85	109.4 99.5	-77.4 -67.5	5050	04S/14W-01P01 S	46.0	10/19/84 04/04/85	103.0 99.5	-57.0 -53.5	5050
04S/13W-26A04 S	31.8	10/24/84 04/10/85	46.1 45.2	-14.3 -13.4	5050	04S/14W-05F01 S	92.0	10/16/84 04/04/85	91.9 90.4	.1 1.6	5050
04S/13W-26F05 S	12.5	10/22/84 04/17/85	91.5 83.4	-79.0 -70.9	5050	04S/14W-06G04 S	196.7	10/16/84 04/04/85	184.6 183.7	12.1 13.0	5050
04S/13W-26F07 S	12.8	10/22/84 04/15/85	28.3 29.7	-15.5 -16.9	5050	04S/14W-06G05 S	166.5	10/16/84 04/04/85	154.5 154.7	12.0 11.8	5050
04S/13W-26R02 S	28.0	10/24/84 04/10/85	93.5 84.8	-65.5 -56.8	5050	04S/14W-06H01 S	181.0	10/16/84 04/04/85	170.3 169.4	10.7 11.6	5050
04S/13W-26R03 S	27.4	10/24/84 04/10/85	41.0 40.5	-13.6 -13.1	5050	04S/14W-06L01 S	71.3	10/17/84 04/08/85	46.7 55.6	14.6 15.7	5050
04S/13W-27E01 S	39.2	10/22/84 04/10/85	115.8 107.1	-76.6 -67.9	5050	04S/14W-07C03 S	62.2	10/17/84 04/08/85	54.9 54.0	7.3 6.2	5050
04S/13W-27E02 S	39.0	10/22/84 04/10/85	69.9 67.0	-30.9 -28.0	5050	04S/14W-07D01 S	13.8	10/10/84 04/08/85	9.0 9.3	4.8 4.5	5050
04S/13W-27H01 S	11.2	10/22/84 04/10/85	27.1 25.6	-15.9 -14.4	5050	04S/14W-07F01 S	65.0	10/18/84 04/08/85	59.3 54.8	5.7 10.2	5050
04S/13W-27K02 S	9.0	10/24/84 04/10/85	86.8 77.3	-77.8 -68.3	5050	04S/14W-07K02 S	87.0	10/18/84 04/08/85	77.8 77.8	9.2 9.2	5050
04S/13W-27K03 S	13.8	10/24/84 04/10/85	34.2 31.9	-20.4 -18.1	5050	04S/14W-07P01 S		10/18/84 04/08/85	NH-5 NH-5		5050
04S/13W-27N05 S	28.0	10/19/84 04/09/85	107.3 99.4	-79.3 -71.4	5050	04S/14W-07P03 S	73.6	10/18/84 04/08/85	67.1 66.8	6.5 6.8	5050
04S/13W-27P02 S	10.8	10/24/84 04/10/85	84.0 74.8	-73.2 -64.0	5050	04S/14W-08D02 S		10/17/84 04/05/85	NH-3 NH-3		5050
04S/13W-27P03 S	10.5	10/24/84 04/10/85	37.6 34.5	-27.1 -24.0	5050	04S/14W-08E03 S	135.7	10/16/84 04/05/85	122.2 121.2	13.5 14.5	5050
04S/13W-28N01 S	46.1	10/23/84 04/09/85	80.7 78.3	-34.6 -32.2	5050	04S/14W-08G01 S	97.0	10/16/84 04/05/85	95.8 95.6	1.2 1.4	5050
04S/13W-28N02 S	45.0	10/23/84 04/09/85	76.0 74.2	-31.0 -29.2	5050	04S/14W-08N05 S	140.0	10/16/84 04/05/85	128.2 129.2	11.8 10.8	5050
04S/13W-28N04 S	37.0	10/23/84	103.6	-66.6	5050	04S/14W-08P02 S	108.0	10/16/84 04/05/85	106.1 106.0	1.9 2.0	5050
04S/13W-28N06 S	37.7	10/23/84	77.6	-39.9	5050	04S/14W-09Q01 S	100.6	10/15/84 04/03/85	108.9 107.6	-8.3 -7.0	5050
04S/13W-29E03 S		10/19/84 04/16/85	NH-0 NH-0		5050	04S/14W-10D02 S	107.0	10/16/84 04/02/85	125.3 121.3	-18.3 -14.3	5050
04S/13W-30A05 S	35.0	10/09/84 04/03/85	106.5 93.1	-71.5 -58.1	5050	04S/14W-10D03 S	108.7	10/30/84 04/02/85	175.5 DRY	-66.8	5050
04S/13W-30G01 S	37.1	10/05/84 04/12/85	87.7 84.8	-50.6 -47.7	5050	04S/14W-10K02 S	93.9	10/01/84 04/03/85	132.0 130.0	-36.1 -36.1	5050
04S/13W-30G03 S	26.0	10/05/84 04/10/85	87.0 88.6	-61.0 -62.6	5050	04S/14W-10K03 S	90.0	10/01/84 04/03/85	106.3 102.3	-16.3 -12.3	5050
04S/13W-30K01 S	36.0	10/17/84 04/17/85	93.0 93.3	-57.0 -47.3	5050	04S/14W-15N01 S	78.2	10/16/84 04/02/85	88.8 92.3	-10.6 -14.1	5050
04S/13W-31E02 S	19.0	10/09/84 04/03/85	76.4 77.1	-57.4 -58.1	5050	04S/14W-16F01 S	81.0	10/15/84 04/03/85	91.8 84.1	-10.8 -3.1	5050
04S/13W-31E04 S	22.0	10/10/84 04/03/85	72.4 85.2	-50.4 -63.2	5050	04S/14W-16L04 S	77.0	10/01/84 04/03/85	90.4 90.4	-13.4 -13.4	5050
04S/13W-31J01 S	35.2	10/23/84 04/15/85	71.9 67.7	-36.7 -32.5	5050	04S/14W-17D01 S	156.4	10/16/84 04/05/85	146.6 147.1	9.8 9.3	5050
04S/13W-31J03 S	21.4	10/23/84 04/15/85	41.7 43.0	-20.3 -21.6	5050	04S/14W-17D02 S	156.4	10/16/84 04/05/85	139.9 140.6	16.5 15.8	5050
04S/13W-34A01 S	6.8	10/23/84 04/10/85	83.4 73.9	-76.6 -67.1	5050	04S/14W-17D05 S	129.3	10/16/84 04/05/85	114.5 114.6	14.8 14.7	5050
04S/13W-34A02 S	8.5	10/23/84 04/10/85	21.7 21.4	-13.2 -12.9	5050	04S/14W-17F02 S	180.5	10/16/84 04/05/85	174.0 174.0	6.5 6.5	5050
04S/13W-34A03 S	6.9	10/23/84 04/10/85	25.1 23.9	-18.2 -17.0	5050	04S/14W-17H01 S	96.0	10/18/84 04/03/85	92.3 92.9	3.7 3.1	5050
04S/13W-35B02 S	6.7	10/27/84 04/15/85	27.7 29.8	-21.0 -23.1	5050	04S/14W-17H02 S	92.0	10/15/84 04/03/85	91.9 91.5	.1 .5	5050
04S/13W-35B03 S	6.7	10/24/84 04/15/85	23.9 23.3	-17.2 -16.6	5050	04S/14W-17P02 S	74.3	10/18/84 04/08/85	69.0 68.9	5.3 5.4	5050
04S/13W-35B04 S	6.7	10/24/84 04/15/85	18.2 18.6	-11.5 -11.9	5050	04S/14W-18R01 S	87.0	10/18/84 04/08/85	79.9 78.9	8.1 8.1	5050
04S/13W-35F01 S	9.0	10/24/84 04/16/85	16.6 17.4	-7.6 -8.4	5050	04S/14W-18F01 S	15.3	10/18/84 04/08/85	12.4 12.4	2.7 2.9	5050
04S/13W-35J02 S	22.7	10/24/84	32.1	-9.4	5050						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-05 U-05.A U-05.A2	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA					U-05 U-05.A U-05.A3	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA CENTRAL HSA				
04S/14W-18H02 S		10/18/84 04/05/85	DRY DRY		5050	03S/11W-27G03 S	64.0	11/13/84 02/04/85 07/16/85 09/24/85	77.4 61.7 67.9 79.3	-13.4 2.3 -3.9 -15.3	5102
04S/14W-18J01 S	133.0	10/18/84 04/09/85	126.4 126.7	6.6 6.3	5050	03S/12W-23C03 S	82.9	05/02/85 08/20/85	51.1 52.2	31.8 30.7	4417
04S/14W-18J02 S	133.0	10/18/84 04/05/85	123.6 123.1	9.4 9.9	5050	03S/12W-31E03 S	52.2	10/22/84 11/20/84 12/20/84 01/25/85 02/28/85 03/29/85 04/28/85 05/27/85 06/28/85 07/26/85 08/30/85 09/27/85	124.3 115.7 100.7 91.5 85.9 87.1 91.7 101.1 104.2 111.7 113.4 108.1	-72.1 -63.5 -48.5 -39.3 -33.7 -34.9 -43.5 -48.9 -52.0 -59.5 -61.2 -55.9	4206
04S/14W-18K01 S	73.0	10/18/84 04/08/85	66.2 66.4	6.8 6.6	5050	03S/13W-05F02 S	114.0	10/16/84 04/18/85	165.6 186.0	-51.6 -72.0	5050
04S/14W-18P01 S	47.5	10/18/84 04/08/85	1.7(3) NM-4	45.8	5050	03S/13W-21R01 S	91.8	10/15/84 04/04/85	143.9 131.3	-52.1 -39.5	5050
04S/14W-18Q01 S	100.0	10/18/84 04/05/85	94.0 94.1	6.0 5.9	5050	03S/13W-26F01 S	61.0	10/15/84 04/04/85	110.4 121.1	-49.4 -60.1	5050
04S/14W-18Q03 S	101.0	10/18/84 04/05/85	91.6 91.5	9.4 9.5	5050	03S/13W-27E02 S	89.3	04/01/85	137.0	-47.7	5050
04S/14W-20Q02 S	116.5	10/18/84 04/05/85	107.0 107.7	9.5 8.8	5050	03S/13W-28G01 S		10/15/84 04/16/85	NM-6 NM-6		5050
04S/14W-20Q03 S	116.4	10/18/84 04/05/85	105.6 105.8	10.8 10.6	5050	04S/12W-06K04 S	46.0	10/22/84 11/20/84 12/20/84 01/25/85 02/28/85 03/29/85 04/26/85 05/27/85 06/28/85 07/26/85 08/30/85 09/27/85	164.3(1) 100.0 162.0(1) 82.0 70.5 79.0 145.6(1) 152.2(1) 145.8(1) 164.3(1) 104.5 106.2	-118.3 -54.0 -116.0 -36.0 -24.5 -33.0 -99.6 -106.2 -99.8 -118.3 -58.5 -60.2	4206
04S/14W-20Q06 S	125.0	10/18/84 04/08/85	112.7 113.0	12.3 12.0	5050	04S/12W-13J02 S	28.0	05/01/85 08/20/85	35.4 46.7	-7.4 -18.7	4417
04S/14W-20Q08 S	145.0	10/18/84 04/08/85	133.6 133.5	11.4 11.5	5050	04S/12W-15B02 S	40.0	10/22/84 11/20/84 12/20/84 01/25/85 02/28/85 03/29/85 04/26/85 05/27/85 06/28/85 07/26/85 08/30/85 09/27/85	52.2 50.4 49.2 48.2 47.0 45.1 47.2 46.7 49.2 51.2 50.9 52.0 52.3	-12.2 -10.4 -9.2 -8.2 -7.0 -5.1 -7.2 -6.7 -9.2 -11.2 -10.9 -12.0 -12.3	4206
04S/14W-20G02 S	90.9	10/18/84 04/08/85	81.6 81.5	9.3 9.4	5050	04S/12W-36C01 S	14.0	05/01/85 08/20/85	20.5 27.8	-6.5 -13.8	4417
04S/14W-20G03 S	90.1	10/18/84 04/08/85	75.5 75.3	14.6 14.6	5050	04S/13W-12E01 S	34.0	10/22/84 04/09/85	109.0 101.6	-75.0 -67.6	5050
04S/14W-21F01 S	72.0	10/18/84 04/09/85	74.6 74.3	-2.6 -2.3	5050	04S/13W-12E06 S	38.0	10/17/84 04/08/85	106.5 100.3	-68.5 -62.3	5050
04S/14W-21G01 S	71.0	10/15/84 04/09/85	80.3 79.3	-9.3 -8.3	5050	04S/13W-12K01 S	89.0	03/29/85	117.1	-28.1	5050
04S/14W-21L02 S	73.2	10/18/84 04/09/85	78.7 78.0	-5.5 -4.8	5050	04S/13W-13Q01 S	25.0	10/17/84 04/08/85	101.5 89.1	-76.5 -64.1	5050
04S/14W-21N01 S	101.3	10/16/84 04/02/85	114.1 106.5	-12.8 -5.2	5050	05S/12W-02J02 S	10.0	10/24/84 04/17/85	48.5 30.9	-38.5 -20.5	5050
04S/14W-22N01 S		10/15/84 04/09/85	NM-4 94.0		5050	U-05.C U-05.C1	RAYMOND HA PASADENA HSA				
04S/14W-22Q01 S	74.3	10/15/84 04/09/85	95.4 93.7	-21.1 -19.4	5050	01N/11W-07N01 S	1340.0	10/11/84 04/11/85	73.4 74.3	1266.2 1261.7	5050
04S/14W-28G01 S	161.4	10/16/84 04/02/85	179.7 178.8	-18.3 -17.4	5050	01N/11W-07N02 S	1330.0	10/11/84 04/11/85	158.1 160.9	1171.9 1169.1	5050
04S/14W-35E06 S	178.4	10/15/84 04/02/85	232.9 218.4	-54.5 -40.0	5050	01N/11W-18C01 S	1189.0	10/11/84 04/11/85	51.0 52.0	1138.0 1137.0	5050
04S/14W-35E07 S	184.9	10/12/84 04/02/85	223.1 223.2	-38.2 -40.3	5050	01N/11W-29G01 S	521.0	10/11/84 04/11/85	24.2 11.1	496.8 509.9	5050
04S/14W-35F02 S		04/02/85	NM-6		5050	01N/11W-29H02 S	571.7	10/12/84 04/12/85	85.6 64.4	486.1 507.3	5050
04S/14W-36H01 S	44.0	10/09/84 04/03/85	94.2 84.9	-50.2 -40.9	5050	01N/11W-30H01 S	629.0	10/12/84 04/12/85	136.0 118.9	493.0 510.1	5050
04S/14W-36J01 S	47.0	10/16/84 04/10/85	95.8 90.2	-48.8 -43.2	5050	01N/11W-30J01 S	600.6	10/12/84 04/12/85	118.9 100.0(4)	481.7 500.6	5050
05S/12W-10P01 S	5.0	10/24/84 04/16/85	3.6 3.6	1.4 1.4	5050	01N/11W-30K01 S	634.0	10/12/84 04/12/85	138.5 118.7	495.5 515.3	5050
05S/13W-02J03 S	14.7	10/23/84 04/16/85	29.6 32.8	-14.9 -18.1	5050						
05S/13W-03L01 S	11.6	10/18/84 04/08/85	-2.5 -3.5	14.1 15.1	5050						
05S/13W-03P17 S	16.0	10/23/84 04/15/85	35.9 36.4	-19.9 -20.4	5050						
05S/13W-03P19 S	15.3	10/23/84 04/15/85	23.5 27.3	-8.2 -12.0	5050						
05S/13W-04E02 S	-1.5	10/23/84 04/15/85	8.4 10.2	-9.9 -11.7	5050						
U-05.A3	SANTA MONICA HSA										
02S/15W-22E03 S	10.0	10/24/84 04/10/85	7.5 7.9	2.5 2.1	5050						
02S/15W-22E05 S	10.0	10/24/84 04/10/85	7.8 7.9	2.2 2.1	5050						
U-05.A5	CENTRAL HSA										
02S/14W-22P03 S	167.0	10/24/84 04/10/85	224.6 215.8	-57.6 -48.8	5050						
02S/14W-22P04 S	170.0	10/24/84 04/10/85	219.6 219.1	-49.6 -49.1	5050						
03S/11W-27G03 S	64.0	10/02/84	79.4	-15.4	51C2						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.C U-05.C1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU RAYMOND HA PASADENA HSA					U U-05 U-05.C U-05.C1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU RAYMOND HA PASADENA HSA				
01N/11W-30001 S	603.6	10/12/84 04/12/85	81.8 80.5	521.8 523.1	5050	01N/12W-36H01 S	606.0	10/12/84 04/12/85	153.9(5) 133.9	452.1 472.1	5050
01N/11W-30003 S	580.0	10/12/84 04/12/85	83.8 72.3	496.2 507.7	5050	U-05.C2 MONK HILL HSA					
01N/11W-30R01 S	581.0	10/12/84 04/12/85	90.0 74.1	441.0 506.9	5050	01N/12W-03D01 S	1800.0	10/24/84 04/11/85	22.5 26.0	1777.5 1774.0	5050
01N/11W-30R03 S	585.0	10/12/84 04/12/85	107.2 87.0	477.8 498.0	5050	01N/12W-04D01 S	1510.0	10/11/84 04/11/85	239.3 261.4	1250.7 1246.6	5050
01N/11W-31D02 S	590.0	10/11/84 04/11/85	113.8 98.3	476.2 481.7	5050	01N/12W-05G01 S	1302.0	10/11/84 04/11/85	251.1 261.8	1050.9 1040.2	5050
01N/12W-09H01 S	1109.3	10/11/84	177.3	932.0	5050	01N/12W-05P01 S	1201.7	10/11/84 04/11/85	249.0 250.3(5)	952.7 951.4	5050
01N/12W-11J01 S	1115.0	04/12/85	16.7	1098.3	5050	01N/12W-05Q02 S	1198.0	10/11/84 04/11/85	273.5 260.2	924.5 937.8	5050
01N/12W-11N03 S	1173.2	10/12/84 04/12/85	192.0 192.3	981.2 980.9	5050	01N/12W-06H01 S	1179.0	10/11/84 04/11/85	194.1 198.0	984.9 991.0	5050
01N/12W-11N04 S	1173.2	10/12/84 04/12/85	344.6 146.9	828.6 1026.3	5050	01N/12W-06H04 S	1172.0	10/11/84 04/11/85	184.7 176.2	987.3 995.8	5050
01N/12W-13C01 S	958.0	10/12/84 04/12/85	37.2 27.1	920.8 930.9	5050	01N/12W-06H05 S	1192.9	10/11/84 04/11/85	207.7 204.6(5)	985.2 986.3	5050
01N/12W-13E03 S	964.6	10/12/84 04/12/85	216.0(5) 254.5	748.6 710.1	5050	01N/12W-06H06 S	1161.0	10/11/84 04/11/85	177.5 168.3	983.5 982.7	5050
01N/12W-13K01 S	870.9	10/12/84 04/12/85	381.0(5) NM-3	489.9	5050	01N/12W-06H09 S	1153.0	10/11/84 04/11/85	182.5 173.0	970.5 980.0	5050
01N/12W-13L01 S	903.3	10/12/84 04/12/85	128.2 133.8	775.1 769.5	5050	01N/12W-08H01 S		10/11/84 04/11/85	NM-1 DRY		5050
01N/12W-24B04 S	775.7	10/12/84 04/12/85	179.4 22.1	596.3 753.6	5050	01N/12W-08H02 S	1155.0	10/11/84 04/11/85	229.8 222.0	925.2 933.0	5050
01N/12W-25E01 S	719.8	10/12/84 04/10/85	219.8 NM-7	500.0	5050	01N/12W-08H03 S		10/11/84 04/11/85	NM-7 NM-7		5050
01N/12W-25G01 S	698.8	10/12/84 04/12/85	192.0 185.4	506.8 513.4	5050	01N/12W-09E01 S	1187.7	10/11/84 04/11/85	273.4 276.4	914.3 917.3	5050
01N/12W-25L01 S	683.0	10/12/84 04/12/85	184.0 176.8	499.0 506.2	5050	01N/12W-09K01 S	1130.0	10/11/84 04/11/85	199.0 199.2	931.0 930.6	5050
01N/12W-25L02 S	674.5	10/12/84 04/12/85	166.2 173.2	508.3 501.3	5050	01N/12W-09Q01 S	1129.2	10/11/84 04/11/85	238.8 232.2	890.4 897.0	5050
01N/12W-26A01 S	754.2	10/12/84 04/12/85	253.8 244.3	500.4 509.9	5050	01N/13W-01B01 S	1294.0	10/11/84 04/11/85	179.0 181.2	1115.0 1112.8	5050
01N/12W-26R01 S	681.6	10/12/84 04/12/85	183.6 178.0	498.0 503.6	5050	01N/13W-01E01 S	1240.0	10/11/84 04/11/85	132.8 132.2	1107.2 1107.8	5050
01N/12W-28N01 S	793.9	10/12/84 04/12/85	193.4 193.9	600.5 600.0	5050	01N/13W-01F01 S	1185.0	10/11/84 04/11/85	89.0 91.3	1096.0 1093.7	5050
01N/12W-33R01 S		10/12/84 04/12/85	NM-7 NM-7		5050	01N/13W-01L01 S	1178.0	10/11/84 04/11/85	68.3 69.7	1109.7 1108.3	5050
01N/12W-34A01 S	736.0	10/11/84 04/11/85	267.4 264.7	468.6 471.3	5050	01N/13W-01N01 S	1333.0	10/11/84 04/11/85	64.8 57.5	1265.2 1272.5	5050
01N/12W-34C01 S	726.8	10/12/84 04/12/85	218.8 208.9	508.0 517.9	5050	01N/13W-02B01 S	1355.0	10/11/84 04/11/85	162.3 162.9	1192.7 1192.1	5050
01N/12W-34E01 S	695.0	10/12/84 04/12/85	165.0 160.7	530.0 534.3	5050	02N/13W-34A03 S	1629.2	10/11/84 04/11/85	133.9 133.6	1495.3 1495.6	5050
01N/12W-34E02 S	751.9	10/12/84 04/12/85	215.7 203.3	536.2 548.6	5050	02N/13W-34A04 S		10/11/84 04/11/85	NM-7 DRY		5050
01N/12W-34E04 S	667.3	10/12/84 04/12/85	198.5 198.0	468.8 469.3	5050	02N/13W-34B02 S	1632.0	10/11/84 04/11/85	133.3 134.9	1496.7 1497.1	5050
01N/12W-34E11 S		10/12/84 04/12/85	NM-5 NM-5		5050	U-05.C3 SANTA ANITA HSA					
01N/12W-34H01 S	659.0	10/11/84 04/11/85	168.7 156.0	490.3 503.0	5050	01N/11W-20G01 S	659.3	10/11/84 04/11/85	189.7 164.5	469.6 494.8	5050
01N/12W-34L01 S	703.0	10/12/84 04/12/85	216.1 215.5	486.9 487.5	5050	01N/11W-20G02 S	697.5	10/11/84 04/11/85	81.5 83.4	616.0 614.1	5050
01N/12W-34N01 S	707.2	10/12/84 04/12/85	106.5(4) 118.2(4)	600.7 589.0	5050	01N/11W-21C02 S	702.0	10/11/84 04/11/85	217.3 202.6	484.7 499.4	5050
01N/12W-35B01 S	671.0	10/12/84 04/12/85	176.3 176.2	494.7 494.8	5050	01N/11W-21C03 S	703.8	10/11/84 04/11/85	224.5 198.9	479.3 504.9	5050
01N/12W-35C01 S	693.0	10/11/84 04/11/85	NM-1 191.4		5050	01N/11W-21C06 S	705.0	10/11/84 04/11/85	221.1 197.1	483.9 507.9	5050
01N/12W-36A01 S	611.6	10/12/84 04/12/85	134.6(5) 117.8	476.8 493.8	5050	01N/11W-21C07 S	680.0	10/11/84 04/11/85	195.7 191.9	484.3 498.1	5050
01N/12W-36C01 S		10/12/84 04/12/85	NM-3 NM-3		5050	01N/11W-21G02 S	602.0	10/11/84 04/11/85	113.8 107.5	488.2 494.5	5050
01N/12W-36E01 S		10/12/84 04/12/85	NM-1 180.2		5050	01N/11W-21G03 S	611.5	10/11/84 04/11/85	124.8 112.4	486.7 499.1	5050
01N/12W-36E02 S		10/12/84 04/12/85	NM-1 183.8		5050	01N/11W-21G05 S	608.4	10/11/84 04/11/85	125.7 115.8	482.7 492.6	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-05 U-05.C U-05.C3	LOS ANGELES NB LA-SAN GABRIEL RIVER HU RAYMONO HA SANTA ANITA HSA					U-05 U-05.0 U-05.01	LOS ANGELES NB LA-SAN GABRIEL RIVER HU SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA				
01N/11W-21H02 S	602.4	10/11/84 04/11/85	117.6 113.8	484.8 488.6	5050	015/12W-13H01 S	355.8	01/16/85 02/36/85 02/27/85 03/20/85 04/10/85 05/01/85 05/22/85 06/12/85 07/03/85 07/24/85 08/14/85 09/04/85 09/25/85	157.6 144.9 168.1 168.2 169.3 172.5 172.7 177.2 184.5 180.6 181.5 181.5 184.8	189.2 188.9 187.7 187.6 186.3 183.3	1733
01N/11W-21H03 S	609.5	10/11/84 04/11/85	128.3 119.8	481.2 493.7	5050						
01N/11W-22H01 S	355.4	10/12/84 04/11/85	215.2(6) 219.5	140.2 135.9	5050						
01N/11W-22H02 S		10/12/84 04/11/85	NM-7 ORY		5050						
01N/11W-28C01 S	546.3	10/12/84 04/12/85	71.8 59.2	474.5 487.1	5050						
U-05.0 U-05.01	SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA					U-05.E U-05.E3	SPAORA HA LIVE OAK HSA				
01N/10W-33H01 S	549.0	10/01/84 11/12/84 12/03/84 01/14/85 02/04/85 02/25/85 03/18/85 04/08/85 04/29/85 05/15/85 06/10/85 07/01/85 07/22/85 08/12/85 09/02/85 09/23/85	NM-7 285.1 285.6 286.7 278.9 280.9 281.9 284.4 286.0 286.0 289.5 291.7 293.6 297.9 298.4 300.9	263.9 263.4 262.3 270.1 268.1 267.1 264.6 263.0 259.5 257.3 255.4 251.1 250.6 248.1	1733	01N/08W-33J01 S	1427.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	301.0(1) 313.0(1) 310.0 316.0(1) 321.0(1) 322.0(1) 326.0(1) 340.0(1) 347.0(1) 353.0(1)	1126.0 1114.0 1117.0 1111.0 1106.0 1105.0 1101.0 1087.0 1080.0 1074.0	4748
						U-05.F U-05.F1	ANAHEIM HA BUENA PARK HSA				
01S/10W-23F01 S	476.6	10/29/84 11/19/84 12/10/84 12/31/84 01/21/85 02/11/85 03/04/85 03/25/85 04/15/85 05/08/85 06/17/85 07/08/85 07/29/85 08/19/85 09/09/85 09/30/85	204.5 204.4 205.9 201.6 204.2 202.2 202.4 203.1 203.0 203.6 209.7 211.2 212.6 214.1 215.4 NM-3	272.1 272.2 270.7 275.0 272.4 274.4 274.2 273.5 273.6 273.6 266.9 265.4 264.0 262.5 261.2	1733	03S/09W-31J02 S	220.0	10/09/84 11/02/84 02/13/85 04/15/85 05/07/85 08/22/85	93.1 91.6 93.4 93.9 98.3 111.0	126.9 128.4 126.6 126.1 121.7 109.0	4417
						03S/09W-32K06 S	235.0	10/31/84 11/01/84 12/31/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	81.0 78.0 77.0 77.0 74.0 74.0 76.0 84.0 89.0 94.0 98.0 98.0	144.0 157.0 158.0 158.0 161.0 161.0 159.0 151.0 146.0 141.0 137.0 139.0	4210
01S/10W-31A02 S	320.0	10/31/84 11/21/84 12/12/84 01/02/85 01/23/85 02/13/85 03/06/85 03/27/85 04/17/85 05/08/85 05/29/85 06/19/85 07/10/85 07/31/85 08/21/85 09/11/85	79.3 79.6 76.0 77.4 46.1 78.8 79.1 78.0 82.8 82.7 86.3 88.1 94.5 95.1 92.3 95.4	240.7 240.4 244.0 242.6 273.9 241.2 240.9 242.0 237.2 237.3 233.7 231.9 225.5 224.9 227.7 224.6	1733	03S/09W-32K07 S	235.0	10/31/84 11/31/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	89.0 80.0 80.0 79.0 78.0 80.0 80.0 82.0 90.0 96.0 102.0 102.0	146.0 155.0 155.0 156.0 157.0 155.0 155.0 153.0 145.0 139.0 133.0 133.0	4210
						03S/09W-32K08 S	235.0	10/31/84 11/31/84 12/31/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 86.0 78.0 81.0 76.0 76.0 80.0 82.0 90.0 96.0 102.0 102.0	151.0 148.0 148.0 154.0 159.0 159.0 156.0 146.0 141.0 137.0 133.0 134.0	4210
01S/11W-11F04 S	3370.0	10/03/84 11/14/84 12/05/84 12/26/84 01/16/85 02/06/85 02/27/85 03/20/85 04/10/85 05/01/85 05/22/85 06/12/85 07/03/85 07/24/85 08/14/85 09/04/85 09/25/85	NM-7 3129.4 3133.2 3116.6 3115.7 3116.1 3121.3 3116.8 3118.1 3118.9 NM-7 3123.7 3136.5 3126.6 3128.5 3130.3 3139.1	240.6 236.8 253.4 254.3 253.9 248.7 253.2 251.9	1733	03S/09W-32P02 S	231.1	11/02/84 02/13/85 05/09/85 08/22/85	76.2 78.3 87.5 98.5	144.9 152.8 143.6 132.6	4417
						03S/09W-32P03 S	231.0	10/01/84 11/31/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	73.0 74.0 75.0 77.0 76.0 76.0 84.0 90.0 96.0 101.0 97.0	158.0 157.0 156.0 154.0 155.0 155.0 147.0 142.0 141.0 130.0 134.0	4210
01S/11W-28002 S	272.0	10/03/84 11/14/84 12/05/84 12/26/84 01/16/85 02/06/85 02/27/85 03/20/85 04/10/85 05/01/85 05/22/85 06/12/85 07/03/85 07/24/85 08/14/85 09/04/85 09/25/85	NM-7 41.9 42.0 42.0 42.3 42.3 41.8 43.0 43.4 43.9 NM-7 43.5 46.7 47.6 48.7 49.6 50.3	230.1 230.0 230.0 229.7 229.7 230.2 229.0 228.6 228.1	1733	03S/09W-32P04 S	231.0	10/01/84 11/31/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	73.0 79.0 77.0 82.0 83.0 82.0 84.5 86.0 96.0 100.0 103.0 104.0	158.0 152.0 154.0 149.0 149.0 149.0 147.0 145.0 135.0 131.0 128.0 127.0	4210
01S/12W-13H01 S	355.8	10/03/84 11/14/84 12/05/84 12/26/84	NM-7 171.2 169.4 167.7	184.6 184.4 188.1	1733	03S/09W-33K01 S	250.0	10/31/84	49.4	200.6	4742



TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.F U-05.F1	LOS ANGELES NB LA-SAN GABRIEL RIVER NU ANAHEIM NA BUENA PARK NSA					U U-05 U-05.F U-05.F1	LOS ANGELES NB LA-SAN GABRIEL RIVER NU ANAHEIM NA BUENA PARK NSA				
035/09W-33K01 S	230.0	11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	36.9 43.2 42.8 40.0 42.0 46.9 60.9(1) 63.5(1) 66.0(1) 67.0(1) 66.5(1)	193.1 204.8 207.2 210.0 208.0 203.1 189.1 186.5 182.0 183.0 183.5	4742	045/10W-01F01 S	196.0	03/01/85 06/01/85 07/01/85 08/01/85 09/01/85	107.0 113.0 122.0 121.0 123.0	91.0 85.0 76.0 77.0 75.0	4210
035/09W-33K03 S	230.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	72.0(1) 82.0(1) 43.6 70.7(1) 38.3 70.9(1) 44.7 77.4(1) 79.0(1) 81.8(1) 82.7(1) 85.5(1)	178.0 168.0 206.4 179.3 211.7 179.1 205.3 172.6 171.0 168.2 167.3 164.3	4742	045/10W-03P01 S	163.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	119.0 117.0 113.0 111.0 98.0 97.0 98.0 100.0 111.0 119.0 120.0 123.0	44.0 46.0 50.0 52.0 63.0 66.0 65.0 63.0 52.0 46.0 43.0 38.0	4210
035/09W-33K04 S	230.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	62.7(1) 61.4 48.9 61.5(1) 44.6 46.4 63.0(1) 66.6(1) 70.2(1) 69.0(1) 72.6(1) 61.9	187.3 188.6 201.1 188.5 205.4 203.6 187.0 183.4 179.8 181.0 177.4 188.1	4742	045/10W-03P02 S	135.3	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	116.5 114.5 109.5 111.5 95.5 96.5 98.5 99.5 108.5 110.5 117.5 119.5	39.0 41.0 46.0 44.0 60.0 59.0 57.0 56.0 47.0 45.0 38.0 36.0	4210
035/09W-33K05 S	232.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	34.7 62.2 32.1 49.9 47.4 48.8 63.9(1) 37.7 60.7 78.5(1) 64.8 64.5	197.3 189.8 199.9 202.1 204.6 203.2 188.1 194.3 191.3 173.5 187.2 187.5	4742	045/10W-04002 S	152.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	112.0 116.0 114.0 114.0 99.0 93.0 96.0 104.0 111.0 114.0 119.0 121.0	40.0 36.0 38.0 38.0 57.0 59.0 56.0 48.0 41.0 38.0 33.0 31.0	4210
035/09W-33K06 S	232.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.8 64.7 33.3 50.7 48.2 40.2 54.0 58.1 61.0 65.0 64.6 65.8	196.2 187.3 198.7 201.3 203.8 201.8 198.0 193.9 191.0 187.0 187.4 186.2	4742	045/10W-07E01 S	101.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	109.4 97.4 97.4 87.4 84.4 73.4 76.4 80.4 91.4 94.4 101.4 106.4	-8.4 3.6 3.6 13.6 16.6 27.6 24.6 20.6 9.6 6.6 -4.4 -5.4	4210
035/09W-33K07 S	244.3	11/02/84 02/13/85 03/07/85 08/22/85	62.9 51.7 60.1 67.7	181.6 192.8 184.4 176.8	4417	045/10W-07J03 S	94.8	10/09/84 11/14/84 02/14/85 04/15/85 05/09/85 08/21/85	41.7 41.4 39.5 38.5 45.0 40.0	53.1 53.4 55.3 56.3 49.8 53.9	4417
035/09W-33K08 S	244.3	11/02/84 02/13/85 03/07/85 08/22/85	62.9 51.7 60.1 67.7	181.6 192.8 184.4 176.8	4417	045/10W-07K04 S	99.2	11/14/84 02/14/85 05/09/85 08/21/85	43.4 36.8 36.3 43.3	54.8 61.4 61.9 54.9	4417
035/09W-33K09 S	244.3	11/02/84 02/13/85 03/07/85 08/22/85	62.9 51.7 60.1 67.7	181.6 192.8 184.4 176.8	4417	045/10W-08C02 S	128.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	109.0 125.0 121.0 113.0 100.0 100.0 101.0 98.0 98.0 103.0 106.0 108.0	19.0 3.0 7.0 15.0 28.0 28.0 27.0 27.0 27.0 25.0 22.0 20.0	4210
035/09W-33K10 S	244.3	11/02/84 02/13/85 03/07/85 08/22/85	62.9 51.7 60.1 67.7	181.6 192.8 184.4 176.8	4417	045/10W-08K01 S	126.1	11/14/84 03/01/85 05/09/85 08/21/85	105.4 81.5 96.3 111.9	20.7 44.6 29.8 14.2	4417
035/09W-33K11 S	244.3	11/02/84 02/13/85 03/07/85 08/22/85	62.9 51.7 60.1 67.7	181.6 192.8 184.4 176.8	4417	045/10W-08K02 S	126.1	11/14/84 03/01/85 05/09/85 08/21/85	105.4 81.5 96.3 111.9	20.7 44.6 29.8 14.2	4417
035/09W-34L02 S	260.0	11/02/84 02/13/85 05/07/85 08/22/85	30.7 20.2 22.6 26.5	229.3 239.8 237.4 233.4	4417	045/10W-08N05 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210
035/10W-32P01 S	121.0	11/13/84 02/04/85 06/18/85 09/10/85	78.3 75.1 80.0 80.4	42.7 45.9 41.0 40.6	5102	045/10W-09B02 S	148.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	120.0 119.0 119.0 120.0 95.0 94.0 95.0 95.0 98.0 102.0 107.0 111.0	28.0 29.0 29.0 28.0 53.0 44.0 53.0 53.0 17.0 12.0 8.0	4210
045/09W-04001 S	245.4	11/02/84 02/13/85	74.7 66.1	170.7 179.3	4417	045/10W-09B03 S	148.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	120.0 119.0 119.0 120.0 95.0 94.0 95.0 95.0 98.0 102.0 107.0 111.0	28.0 29.0 29.0 28.0 53.0 44.0 53.0 53.0 17.0 12.0 8.0	4210
045/10W-01F01 S	198.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85	122.0 113.0 116.0 115.0 101.0 102.0 104.0	76.0 85.0 82.0 83.0 97.0 96.0 94.0	4210	045/10W-09B04 S	148.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	120.0 119.0 119.0 120.0 95.0 94.0 95.0 95.0 98.0 102.0 107.0 111.0	28.0 29.0 29.0 28.0 53.0 44.0 53.0 53.0 17.0 12.0 8.0	4210

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.F U-05.F1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU ANAHEIM HA BUENA PARK HSA					U U-05 U-05.F U-05.F2	LOS ANGELES HB LA-SAN GABRIEL RIVER HU ANAHEIM HA LA HABRA HSA				
045/10W-09802 S	148.0	06/01/85 07/01/85 08/01/85 09/01/85	114.0 117.0 123.0 137.0	34.0 31.0 25.0 11.0	4210	035/10W-10N02 S	315.0	11/01/84 02/13/85 05/07/85 08/19/85	15.9 15.5 15.9 16.4	299.1 299.5 299.1 298.6	4417
045/10W-09803 S	147.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	144.0 140.0 138.0 140.0 115.0 114.0 115.0 131.0 137.0 140.0 141.0 144.0	3.0 7.0 9.0 7.0 32.0 33.0 32.0 16.0 10.0 7.0 6.0 3.0	4210	035/10W-18C01 S	211.0	11/01/84 02/13/85 05/07/85 08/19/85	87.2 89.2 92.4 90.9	123.8 121.0 118.6 120.1	4417
						U-05.F3	YORBA LINDA HSA				
						035/09W-20M01 S	335.2	11/02/84 02/13/85 05/07/85 08/22/85	154.4 155.1 152.5 154.4	180.8 182.1 182.7 180.8	4417
045/10W-18A01 S	107.0	11/14/84 02/14/85 05/09/85 08/21/85	68.8 61.9 63.7 69.5	38.2 45.1 43.3 37.5	4417	035/09W-21M05 S	356.0	11/02/84 02/13/85 05/07/85 08/22/85	65.0 64.9 65.2 65.6	291.0 291.1 290.8 290.4	4417
045/11W-08P01 S	38.6	11/01/84 11/05/84 11/26/84 12/17/84 01/07/85 01/28/85 02/14/85 02/19/85 03/11/85 04/01/85 04/22/85 05/13/85 06/03/85 06/24/85 07/15/85 08/09/85 08/22/85 08/26/85 09/16/85	33.3 65.6 62.1 58.6 52.8 48.7 24.0 43.2 40.8 40.3 46.1 52.3 59.1 64.4 67.2 67.3 37.0(4) 69.3 66.4	5.3 -27.0 -23.5 -16.0 -14.2 -10.1 14.6 -4.6 -2.2 -1.7 -7.5 -13.7 -20.5 -25.8 -28.6 -26.7 1.6 -29.7 -27.8	4417 1733 1733						
045/11W-12R07 S	91.0	02/14/85 05/09/85 08/21/85	57.3(4) 57.7 62.8(4)	33.7 33.3 28.2	4417						
045/11W-13003 S	81.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	84.0 88.0 84.0 74.0 68.0 63.0 65.0 68.0 64.0 83.0 90.0 NM-9	-3.0 -7.0 -3.0 7.0 13.0 18.0 16.0 13.0 17.0 -2.0 -9.0	4210						
045/11W-14M01 S	70.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85	NM-7 84.7 81.7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7	-14.7 -11.7	4210						
045/11W-14004 S	65.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85	46.0 45.0 43.0 41.0 39.0 38.0 39.0 27.0 NM-7	19.0 20.0 22.0 24.0 26.0 27.0 26.0 38.0	4210						
045/11W-15L06 S	58.0	11/01/84 02/14/85 05/07/85 08/19/85	16.7 13.8 14.2 15.2	41.3 44.2 43.8 42.8	4417						
045/11W-27001 S	38.5	10/09/84 11/01/84 02/14/85 04/15/85 05/07/85 08/17/85	54.0 54.5 32.2 35.4 43.7 59.3	-15.5 -16.0 6.3 3.1 -5.2 -20.8	4417						
045/11W-31F03 S	16.0	11/01/84 02/28/85 05/13/85 08/17/85	22.2 13.9 16.0 23.2	-6.2 2.1 1.0 -7.2	4417						
U-05.F2	LA HABRA HSA										
035/10W-02N02 S	423.0	11/01/84 02/13/85 05/07/85 08/22/85	129.2(4) 125.3 127.8 130.3(4)	293.8 297.7 295.2 292.7	4417						
035/10W-09M02 S	305.0	11/01/84 02/13/85 05/07/85 08/19/85	30.2 29.7 30.1 30.3	274.8 275.3 274.9 274.7	4417						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
W-26 W-26.A W-26.A3	LAMONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT WILLOW SPRINGS HYDRO SUBAREA					W-26 W-26.A W-26.A3	SOUTH LAMONTAN H8 MOJAVE HU EL MIRAGE HA				
11N/13W-29M01 S	3391.0	10/01/84	278.1	3112.9	4785	06N/07W-07801 S	2866.0	11/14/84	35.5	2830.5	5101
		11/01/84	277.6	3113.4				04/15/85	35.4	2830.6	
		12/01/84	277.4	3113.6		06N/07W-10R01 S	2865.0	11/14/84	32.6	2832.4	5101
		01/01/85	277.4	3113.6				04/15/85	33.1	2831.9	
		02/01/85	276.4	3112.6		06N/07W-26R01 S	3005.0	11/14/84	132.1	2872.9	5101
		03/01/85	276.7	3112.3				04/15/85	129.2	2875.8	
		04/01/85	279.3	3111.7		06N/07W-27N01 S		11/14/84	DRY		5101
		05/01/85	279.9	3111.1				04/15/85	DRY		
		06/01/85	280.5	3110.5							
		07/01/85	281.2	3109.8							
		08/01/85	281.7	3109.3							
		09/01/85	282.2	3108.8							
W-26.A8	RDCK CREEK HYDRO SUBAREA					W-26.B	UPPER MOJAVE HA				
06N/07W-19E02 S	2931.0	11/14/84	87.7	2843.3	5101	03N/04W-32C01 S	3187.0	11/14/84	10.6	3176.4	5101
		04/15/85	91.3	2839.7		04N/03W-01M01 S	3037.0	11/14/84	230.1(3)	2806.9	5101
								04/15/85	NM-1		
						04N/03W-06002 S		11/14/84	NM-3		5101
								04/15/85	71.5	2798.5	
						04N/03W-07C01 S		11/14/84	NM-4		5101
								04/15/85	46.9	2813.1	
						05N/03W-13001 S		11/14/84	NM-3		5101
								04/15/85	125.4	2804.8	
						05N/03W-24N01 S		11/14/84	116.5	2811.2	5101
								04/15/85	117.0	2810.7	
						05N/03W-35N01 S		11/14/84	188.3	2795.7	5101
								04/15/85	201.5	2782.5	
						06N/03W-09E04 S		11/09/84	NM-1		5101
								04/17/85	31.4	3053.6	
						06N/05W-19E01 S		11/14/84	72.6	2757.4	5101
								04/15/85	836.1	1991.9	
						06N/06W-21A01 S		11/14/84	62.2	2797.8	5101
								04/15/85	60.4	2799.5	
						07N/07W-20A01 S		11/14/84	158.7(4)	2716.3	5101
								04/15/85	151.0	2724.0	
						W-26.C	MIDDLE MOJAVE HA				
						08N/01W-29F01 S		11/09/84	NM-1		5101
								04/17/85	95.5	2773.7	
						09N/02W-20B01 S		11/15/84	131.1	2151.9	5101
								04/10/85	130.1	2162.9	
						W-26.E	LOWER MOJAVE HA				
						09N/01E-03H01 S		11/15/84	124.3	1823.7	5101
								04/10/85	108.6	1639.4	
						09N/02E-14N02 S		11/15/84	42.7	1843.3	5101
								04/10/85	65.0	1821.0	
						09N/02E-20Q01 S		11/15/84	97.9	1823.5	5101
								04/10/85	99.4	1822.0	
						09N/03E-15N03 S		11/15/84	82.8	1747.2	5101
								04/10/85	82.9	1747.1	
						09N/04E-07M02 S		11/15/84	DRY		5101
								04/10/85	DRY		
						10N/02E-32P01 S		11/15/84	68.1	1837.4	5101
								04/10/85	68.7	1836.6	
						10N/03E-21A01 S		04/10/85	DRY		5101
						09N/01W-10002 S		11/15/84	6.3	2038.7	5101
								04/10/85	11.1(4)	2033.9	
						09N/01W-10R01 S		11/15/84	99.4	2021.8	5101
								04/10/85	48.7	2032.3	
						W-26.F	NEWBERRY SPRINGS HA				
						W-26.F2	TPDY VALLEY HSA				
						08N/03E-04R03 S		11/15/84	DRY		5101
								04/10/85	DRY		
						09N/03E-34D03 S		11/15/84	NM-2		5101
								04/10/85	77.0	1751.6	
						09N/03E-34N01 S		11/15/84	57.4	1762.6	5101
								04/10/85	53.7	1766.3	
						W-26.G	AFTON HA				
						W-26.G1	CAVES HSA				
						10N/04E-04E01 S		11/15/84	88.0	1652.0	5101
								04/10/85	89.0	1652.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-01	COLORADO RIVER NB LUCERNE LAKE HU					X X-08 X-08.A	COLORADO RIVER NB JOSHUA TREE HU WARREN HA				
04N/01E-06P01 S	2895.0	11/09/84 04/17/85	188.7 192.3	2706.3 2702.7	5101	01N/06E-28L01 S	2970.0	10/31/84 11/02/84 04/09/85 09/30/85	NM-9 179.6 197.4 185.0	2790.4 2772.6 2785.0	5101
04N/01E-12P01 S	2971.0	11/09/84 04/17/85	160.1 155.7	2810.9 2815.3	5101	01S/05E-04P02 S	3520.0	10/31/84 04/09/85	40.3 140.5	3479.7 3379.5	5101
04N/01W-09P01 S	2975.0	11/09/84 04/17/85	49.2 48.6	2925.8 2926.4	5101	X-08.B	COPPER MOUNTAIN HA				
04N/02W-13A01 S	2980.0	11/09/84 04/17/85	71.1 70.1	2908.9 2909.9	5101	01N/06E-13R01 S	2650.0	10/31/84 04/09/85	NM-9 435.2	2214.8	5101
05N/01W-01C02 S	2920.7	11/09/84 04/17/85	186.1 153.0	2734.6 2767.7	5101	01N/07E-14N01 S	2359.0	10/31/84 04/09/85	190.4(3) 269.4	2168.6 2089.6	5101
05N/01W-01L01 S	2905.0	11/09/84 04/17/85	142.3 127.2	2762.7 2777.8	5101	01N/07E-21J01 S		10/31/84 04/05/85	DRY DRY		5101
06N/01W-09J01 S	3229.0	11/09/84 04/17/85	124.0 122.3	3105.0 3106.7	5101	01N/07E-23A01 S	2865.0	10/31/84 04/09/85	214.5 218.0	2650.5 2647.0	5101
06N/01W-22P01 S	3059.0	11/09/84 04/17/85	206.7 192.6	2852.3 2866.4	5101	01N/07E-23A02 S	2376.0	10/31/84	212.2	2163.8	5101
06N/01W-36K02 S	2940.0	11/09/84 04/17/85	183.9 189.7	2756.1 2750.3	5101	01N/07E-30P01 S	2670.0	10/31/84 04/09/85	367.0 376.3	2303.0 2293.7	5101

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-09 X-09.A	COLORADO RIVER HR DALE HU TWENTYNINE PALMS NA					X X-19 X-19.4	COLORADO RIVER HB WHITEWATER HI MORONGO HA				
01N/08E-12C01 S	1972.7	11/04/84 04/09/85	203.2 204.9(1)	1769.5 1767.8	51C1	01S/04E-14N01 S	2750.0	10/31/84 04/09/85	161.4 158.6	2586.6 2591.4	5101
01N/08E-33A02 S	2520.0	10/02/84 11/02/84 04/12/85	NM-1 289.2 NM-1	2730.8	5101	01S/04E-23C03 S	2700.0	10/31/84 04/09/85	125.4 126.0	2574.6 2574.0	5101
01N/08E-36A01 S	2129.7	11/02/84 04/12/85	145.5 154.1	1964.2 1975.6	5101	X-19.C X-19.C2	SAN GORGONIO HA CABAZON NSA				
01N/09E-04N03 S	1787.0	11/05/84 04/05/85	17.3 16.6	1769.7 1770.4	5101	02S/01E-17F01 S	3730.0	10/05/84 10/25/84 11/02/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	37.0 36.0 43.0 45.0 44.0 63.0 65.0 68.0 59.0 69.0 69.0 66.0 67.0 66.0 68.0 46.0 41.0 37.0 33.0 34.0 33.0 32.0 61.0 59.0 70.0 70.0 52.0 50.0	3693.0 3694.0 3687.0 3685.0 3686.0 3687.0 3685.0 3682.0 3671.0 3661.0 3661.0 3664.0 3663.0 3664.0 3662.0 3684.0 3689.0 3693.0 3697.0 3696.0 3697.0 3698.0 3669.0 3671.0 3660.0 3660.0 3678.0 3680.0	4829
01N/09E-06E01 S	1840.0	11/04/84 04/05/85	67.3 66.7	1772.7 1773.3	5101	02S/01E-17L01 S	3696.0	10/05/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	10.0 10.0 14.0 14.0 15.0 15.0 5.0 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 14.0 5.0 10.0 10.0 15.0 16.0 20.0 5.0 10.0 7.0 24.0 21.0	3686.0 3686.0 3682.0 3682.0 3681.0 3681.0 3691.0 3691.0 3690.0 3691.0 3691.0 3691.0 3691.0 3691.0 3691.0 3682.0 3691.0 3686.0 3686.0 3681.0 3680.0 3676.0 3691.0 3686.0 3691.0 3689.0 3672.0 3675.0	4829
01N/09E-09M02 S	1810.0	11/04/84 04/05/85	52.8 42.4	1757.2 1767.6	51C1	02S/01E-20M01 S	3395.0	05/03/85 07/14/85 08/07/85	60.0 60.0 60.0	3335.0 3335.0 3335.0	4829
01N/09E-16G02 S	1800.0	11/02/84 04/12/85	14.0 13.4	1786.0 1786.6	5101	02S/01E-29F01 S	3210.0	10/05/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	94.0 98.0 77.0 77.0 76.0 78.0 71.0 71.0 48.0 49.0 57.0 57.0 57.0 55.0 52.0 52.0 55.0 62.0 76.0 84.0 97.0 91.0 102.0 102.0 114.0 104.0 132.0 120.0 120.0	3116.0 3112.0 3133.0 3133.0 3134.0 3132.0 3139.0 3139.0 3162.0 3161.0 3153.0 3153.0 3153.0 3155.0 3158.0 3158.0 3155.0 3148.0 3134.0 3126.0 3123.0 3119.0 3108.0 3108.0 3096.0 3106.0 3108.0 3090.0 3090.0	4829
01N/09E-22E01 S	1827.0	11/02/84 04/12/85	56.7 59.6	1770.3 1767.4	51C1	02S/01E-29H01 S	3158.0	10/05/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	75.0 68.0 41.0 41.0 46.0 42.0 40.0	3063.0 3090.0 3117.0 3117.0 3112.0 3116.0 3118.0	4829
01N/09E-27C04 S	1870.0	11/02/84 04/12/85	118.5 106.7	1751.5 1763.3	51C1						
01N/09E-31A01 S	2095.0	11/02/84 04/12/85	126.5(1) NM-1	1966.5	5101						
01N/09E-31C01 S	2102.3	11/02/84 04/12/85	148.0 NM-1	1954.3	5101						
01N/09E-33F03 S	1979.0	11/02/84 04/09/85	8.9 9.1	1970.1 1969.9	5101						
01N/09E-34A01 S	1950.0	11/02/84 04/12/85	153.8 167.7	1796.2 1782.3	5101						
01N/09E-35F01 S	1971.0	11/02/84 04/12/85	114.7 114.7	1856.3 1856.3	51C1						
01N/09E-35N01 S	2079.5	11/02/84 04/09/85	111.3 112.5	1968.2 1967.0	5101						
02N/09E-19N01 S	1834.0	11/04/84 04/05/85	78.5 73.6	1755.5 1760.4	51C1						
01S/09E-03D01 S	2076.4	11/02/84 04/09/85	NM-9 93.5	1982.9	5101						
X-09.B	DALE WALLEY NA										
01N/10E-24M02 S		11/06/84 04/05/85	DRY DRY		5101						
01N/11E-04M01 S	1360.0	11/05/84 04/05/85	159.0 156.8	1201.0 1203.2	5101						
01N/11E-14A01 S	1255.0	11/05/84 04/05/85	81.1 80.7	1203.9 1204.3	51C1						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS																																																																								
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY																																																													
X X-19 X-19.C X-19.C2	COLORADO RIVER HB WHITEWATER HU SAN GORGONIO HA CARAZON HSA					X X-19 X-19.C X-19.C2	COLORADO RIVER HB WHITEWATER HU SAN GORGONIO HA CARAZON HSA																																																																	
025/01E-29H01 S	3198.0	01/11/83 01/18/85 01/23/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	33.0 33.0 27.0 36.0 26.0 27.0 25.0 25.0 21.0 23.0 26.0 34.0 42.0 38.0 50.0 55.0 74.0 63.0 79.0 78.0 64.0 46.0	3123.0 3125.0 3131.0 3122.0 3132.0 3131.0 3133.0 3133.0 3137.0 3135.0 3132.0 3124.0 3116.0 3120.0 3108.0 3103.0 3084.0 3095.0 3079.0 3080.0 3094.0 3112.0	4829	035/03E-07E01 S	2521.0	12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85	296.0 290.0 304.0 307.0 299.0 290.0 294.0 300.0 299.0 305.0 297.0 300.0 298.0 300.0 300.0 298.0 300.0 300.0 303.0 310.0 308.0 310.0 300.0 301.0	2223.0 2231.0 2217.0 2214.0 2222.0 2231.0 2223.0 2214.0 2222.0 2216.0 2224.0 2221.0 2223.0 2221.0 2223.0 2221.0 2223.0 2221.0 2218.0 2211.0 2213.0 2211.0 2221.0 2220.0	4829																																																													
025/01E-33J01 S	2750.0	10/03/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/23/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	30.0 33.0 43.0 43.0 38.0 50.0 50.0 49.0 49.0 40.0 36.0 37.0 37.0 36.0 38.0 36.0 20.0 21.0 19.0 19.0 20.0 22.0 23.0 42.0 30.0 47.0 33.0 48.0 46.0	2720.0 2717.0 2707.0 2707.0 2712.0 2700.0 2700.0 2701.0 2701.0 2710.0 2714.0 2713.0 2713.0 2714.0 2712.0 2714.0 2730.0 2729.0 2731.0 2731.0 2730.0 2728.0 2727.0 2708.0 2700.0 2703.0 2695.0 2702.0 2704.0	4829	035/02E-23B01 S	1524.0	11/02/84 01/23/85 05/16/85	239.5 238.5 236.5	1284.5 1285.5 1297.5	5135	035/03E-07H01 S	1472.0	11/02/84 01/23/85 05/16/85	259.3 268.3 267.0	1212.7 1203.7 1205.0	5135	035/03E-08M01 S	1350.0	11/02/84 01/23/85 05/16/85	167.6 166.4 165.2	1182.4 1183.6 1184.8	5135	X-19.0 X-19.01	COACHELLA HA FARNET HILL HSA																																															
						035/04E-12B02 S	885.0	10/31/84 01/22/85 05/09/85	146.2 146.2 147.0	738.8 738.8 738.0	5135	035/04E-13M01 S	713.0	10/31/84 01/22/85 05/16/85	231.1 228.4 232.4	481.9 484.4 480.6	5135	035/04E-17K01 S	901.0	11/02/84 01/23/85 05/22/85	314.2 309.4 307.6	586.8 591.2 593.4	5135	035/04E-22A01 S	713.0	11/02/84 01/22/85 05/11/85 05/17/85	146.3 145.2 144.5 145.0	564.7 565.8 566.5 566.0	5135	025/01E-33J02 S	2768.0	10/03/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/23/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	49.0 52.0 78.0 78.0 61.0 64.0 49.0 42.0 37.0 31.0 26.0 30.0 26.0 26.0 23.0 21.0 38.0 39.0 34.0 34.0 32.0 37.0 42.0 30.0 55.0 63.0 64.0 87.0 84.0	2719.0 2716.0 2690.0 2690.0 2707.0 2704.0 2723.0 2726.0 2731.0 2737.0 2742.0 2738.0 2742.0 2742.0 2743.0 2747.0 2730.0 2729.0 2734.0 2734.0 2736.0 2731.0 2726.0 2718.0 2713.0 2705.0 2702.0 2681.0 2684.0	4829	035/03E-30G01 S	590.0	11/02/84 01/24/85 05/23/85	204.1 206.5 204.5	383.9 383.5 383.5	5135	X-19.02	MISSION CREEK HSA																													
						025/04E-25N01 S		10/31/84 05/09/85	DRY DRY		5135	025/04E-34A01 S	1380.0	10/31/84 01/22/85 05/09/85	419.0 426.7 426.6	761.0 753.3 753.4	5135	025/04E-35Q01 S	1044.0	10/31/84 01/22/85 05/09/85	303.1 303.0 302.7	740.9 741.0 741.3	5135	035/04E-12B01 S	885.0	10/31/84 01/22/85 05/09/85	144.4 144.4 145.2	740.6 740.6 739.8	5135	035/04E-12C01 S	890.0	10/31/84 01/22/85 05/09/85	152.3(4) 171.9 152.7	737.7 738.1 737.3	5135	035/04E-12H01 S	842.6	10/31/84 01/22/85 05/09/85	107.2 107.4 108.5	735.4 735.2 734.1	5135	025/01E-33J03 S	2770.0	10/03/84 11/02/84 11/07/84 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	38.0 54.0 34.0 29.0 21.0 26.0 22.0 22.0 23.0 18.0 20.0 22.0 21.0 20.0 20.0 22.0 26.0 34.0 37.0 43.0 50.0 56.0 56.0	2732.0 2716.0 2716.0 2741.0 2749.0 2744.0 2748.0 2748.0 2747.0 2752.0 2750.0 2749.0 2750.0 2750.0 2750.0 2744.0 2736.0 2733.0 2725.0 2720.0 2714.0 2714.0	4829	035/05E-10L02 S	925.0	11/06/84 01/24/85 05/23/85	181.3 149.0 171.8	743.7 746.0 753.2	5135	035/05E-17J01 S	787.0	11/02/84 01/24/85 05/23/85	52.5 51.9 52.7	734.5 735.1 734.3	5135	035/05E-19B01 S		10/31/84 05/16/85 05/23/85	FLOW FLOW -1.5		5135	X-19.03	MIRACLE HILL HSA					
						025/05E-32E06 S	1167.0	11/26/84 01/24/85 05/16/85	55.7 62.2 61.9	1111.3 1104.8 1105.1	5135	025/05E-33E05 S	1240.0	11/06/84 01/24/85 05/16/85	170.6 171.2 129.4	1069.4 1068.8 1110.6	5135	035/01E-07E01 S	2521.0	11/02/84 11/07/84	299.0 299.0	2223.0 2223.0	4829	035/05E-03L01 S	1165.0	11/26/84 01/24/85	220.5 220.3	944.5 944.7	5135																																											

TABLE O (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.03	COLORADO RIVER HB WHITEWATER HU COACHELLA NA MIRACLE HILL HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA NA INDIO HSA				
035/05E-03L01 S	1165.0	05/22/85	220.3	944.7	5135	035/04E-20003 S	930.0	02/01/85	357.5	552.5	5135
035/05E-03R01 S	1055.0	11/06/84 01/24/85 05/22/85	147.2 150.7 147.2	907.8 904.3 907.6	5135			03/06/85 03/29/85 04/05/85 04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	347.9 339.3 329.5 326.0 321.2 315.1 308.7 302.0 296.3 291.5 285.5 279.7 274.5 269.7	562.5 570.7 580.5 584.0 588.8 594.9 601.3 608.0 613.7 618.5 624.5 630.3 635.5 640.3	
035/05E-04H01 S	1160.0	11/06/84 01/24/85 05/22/85	245.0 244.7 244.8	915.0 915.3 915.2	5135						
035/05E-10R01 S	960.0	11/06/84 01/24/85 05/23/85	NM-2 68.0 61.7	892.0 898.3	5135						
035/05E-11Q01 S	1075.0	11/06/84 01/24/85 05/23/85	NM-2 207.0 207.9	868.0 867.3	5135	035/04E-20F01 S	900.0	04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	246.9 228.8 203.5 193.9 186.6 181.1 176.3 173.7 169.7 166.9 167.3	653.1 671.2 696.5 706.1 713.4 718.9 723.7 726.3 730.3 733.1 732.7	5135
035/05E-12P01 S	1165.0	11/06/84 01/24/85 05/23/85	322.0 318.0 305.8	843.0 847.0 859.2	5135						
X-19.04	SKY VALLEY HSA										
035/06E-21F02 S	1070.0	11/06/84 01/25/85 05/23/85	313.9(4) 314.8 311.8(4)	756.1 755.2 758.2	5135	035/04E-20F02 S	900.0	04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	326.9 319.4 314.0 309.2 302.1 295.7 292.1 287.7 287.6 276.9 272.3	573.1 580.6 586.0 591.8 597.9 604.3 607.9 612.3 612.4 623.3 627.7	5135
035/06E-25Q01 S	955.0	12/21/84 03/25/85 05/23/85	229.4 229.2 228.8	725.6 725.8 726.2	5135						
035/06E-26P01 S	960.0	11/06/84 01/25/85 05/23/85	248.8 249.0 249.2	711.2 711.0 710.8	5135						
035/06E-28A01 S	1000.0	11/06/84 01/25/85 05/23/85	250.0 350.0 250.8	750.0 850.0 749.2	5135						
035/06E-36P01 S	772.0	11/06/84 01/25/85 05/23/85	80.9 79.9 81.3	691.1 692.1 690.7	5135	035/04E-20F03 S	900.0	04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	336.2 329.0 324.0 318.7 312.8 307.8 303.2 298.8 292.6 288.6 283.9	563.8 571.0 576.0 581.3 587.2 592.2 596.8 601.2 607.4 611.4 616.1	5135
X-19.05	FARGO CANYON HSA										
045/07E-14E01 S	1100.0	11/20/84 02/08/85 06/04/85	372.1 371.9 371.9	727.9 728.1 728.1	5135						
X-19.06	THOUSAND PALMS HSA										
045/06E-08L01 S	365.0	11/01/84 02/07/85 05/30/85	302.5 302.5 302.3	62.5 62.5 62.7	5135	035/04E-29F01 S	863.0	10/02/84 11/01/84 12/05/84 01/03/85 02/01/85 03/06/85 04/05/85 04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	352.5 352.9 345.0 335.0 322.2 308.8 286.0 284.2 279.0 274.5 267.0 260.3 254.3 248.0 246.7 241.4 233.7 228.0	510.5 510.3 518.0 528.0 540.8 554.2 577.0 578.8 584.0 588.5 596.0 602.7 608.7 615.0 616.3 621.6 629.3 635.0	5135
045/06E-17R01 S	215.0	11/01/84 02/06/85 05/30/85	146.3 146.1 147.3	68.7 68.9 67.7	5135						
045/06E-20A01 S	203.0	11/01/84 02/06/85 05/30/85	133.5 129.6 133.7	69.5 73.4 69.3	5135						
045/06E-22C01 S	217.0	11/01/84 02/06/85 05/30/85	168.0 163.2 167.2	49.0 53.8 49.8	5135						
045/06E-22C02 S	217.0	11/01/84 02/06/85 05/30/85	161.4 159.6 164.1	55.6 57.4 52.9	5135	035/04E-29R03 S	780.0	10/02/84 11/01/84 12/05/84 01/03/85 02/01/85 03/06/85 03/15/85 03/22/85 03/29/85 04/05/85 04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	375.3 373.5 373.9 373.9 371.7 366.6 363.7 356.4 355.5 353.0 350.1 347.6 344.2 342.2 337.7 334.5 330.9 326.7 323.3 319.2 314.9 310.4	404.7 406.9 406.1 408.3 413.4 416.3 423.6 424.5 427.0 429.9 432.4 435.8 437.8 442.3 445.5 449.1 453.3 456.7 460.8 465.2 469.6	5135
045/06E-22J01 S	230.0	11/01/84 02/07/85 05/30/85	166.9 166.7 167.4	63.1 63.3 62.6	5135						
045/06E-22K01 S	215.0	11/01/84 02/07/85 05/30/85	137.9 139.1 140.9	77.1 75.9 74.1	5135						
045/07E-30M01 S	150.0	11/16/84 02/07/85 06/05/85	144.2 NM-9 153.9	5.8 -3.9	5135						
045/07E-33N01 S	55.0	02/08/85 06/05/85	50.2 56.5	4.8 -1.5	5135						
055/07E-04A01 S	47.0	12/11/84 03/13/85	46.9 49.4	.1 -2.4	5135						
055/07E-04Q01 S	58.0	12/06/84 03/15/85	56.3 54.9	1.7 3.1	5135						
X-19.07	INDIO HSA										
035/03E-10P01 S	1170.0	10/02/84 11/11/84 12/05/84 01/03/85 02/01/85 03/06/85 04/05/85 05/03/85 06/07/85	352.1 350.4 347.8 346.6 344.2 342.3 339.6 335.8 328.0	817.9 819.4 822.2 823.4 825.8 827.7 830.4 834.2 842.0	5135	035/04E-30C01 S	944.0	10/05/84 11/15/84 12/12/84	382.7 384.9 376.9	561.3 559.3 567.1	5135
						035/04E-34R01 S	610.0	10/16/84 11/25/84 12/14/84	362.3 360.7 360.7	247.7 249.3 249.3	5135
035/04E-20001 S	910.0	10/02/84 11/01/84 12/05/84 01/03/85	375.1 374.4 370.7 364.8	534.9 535.6 539.3 545.2	5135	035/04E-36M01 S	545.8	10/13/84 11/16/84 12/14/84 04/08/85	322.5 319.5 319.7 320.4	223.3 226.3 226.1 225.4	5135
						045/04E-01R03 S	510.0	11/07/84 01/29/85 05/24/85	291.5 289.1 286.8	218.5 220.9 223.2	5135

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA				
04S/04E-01N02 S	500.0	10/16/84 11/16/84 12/14/84	286.9 289.8 289.8	213.1 210.2 210.2	5135	04S/05E-29K01 S	325.0	09/30/85	182.8	142.2	5135
04S/04E-11K01 S	492.9	10/09/84 11/26/84 12/13/84	282.4 281.4 281.0	210.5 211.5 211.9	5135	04S/05E-30C01 S	365.0	11/09/84 01/30/85 05/10/85	188.4 186.6 197.2	176.4 178.4 177.8	5135
04S/04E-11Q01 S	470.0	10/19/84 11/13/84 12/13/84	264.3 261.2 261.0	205.7 206.8 209.0	5135	04S/05E-33B01 S	302.0	10/05/84 11/07/84 12/10/84	172.3 172.1 172.3	129.7 129.9 129.7	5135
04S/04E-11R01 S	458.0	10/13/84 11/26/84 12/13/84	271.7 258.0 256.2	186.3 200.0 201.8	5135	04S/05E-35002 S		12/02/84	NM-A		5135
04S/04E-13H01 S	418.0	11/07/84 01/29/85 05/24/85	224.5 225.4 226.8	193.5 192.6 191.2	5135	04S/05E-35E01 S	267.0	01/24/85	171.0	96.0	5135
04S/04E-13P01 S	141.0	11/07/84	207.2	-66.2	5135	04S/05E-33G03 S	262.0	11/09/84 01/24/85 05/31/85	176.8 174.1 174.9(4)	85.2 87.9 87.1	5135
04S/04E-14R01 S	410.0	10/09/84 11/16/84 12/13/84	220.8 221.2 219.8	189.2 188.8 190.2	5135	04S/05E-33G04 S	262.0	01/30/85 05/31/85	174.4(4) 177.2(4)	87.6 84.8	5135
04S/04E-15J01 S	453.0	11/02/84 02/01/85 06/07/85	242.6 240.8 243.0	210.4 212.2 210.0	5135	04S/05E-35001 S	257.0	11/27/84	169.9	87.1	5135
04S/04E-23E01 S	438.0	10/16/84 11/13/84 12/12/84	234.6 239.0 233.9	203.4 199.0 204.1	5135	04S/05E-36001 S	320.0	11/27/84 01/30/85 05/31/85	230.3 233.2 234.3	89.7 86.8 85.7	5135
04S/04E-26A01 S	428.0	10/24/84 11/26/84 12/13/84	243.6 243.3 241.9	184.4 184.7 186.1	5135	04S/05E-36M01 S	257.0	11/09/84 01/24/85 05/31/85	171.0 170.7 172.2	86.0 86.3 84.8	5135
04S/04E-35K01 S	528.0	10/05/84 11/08/84 12/13/84	293.1 287.5 301.3	234.9 240.5 226.7	5135	04S/06E-18P01 S	232.0	11/01/84 02/06/85 05/30/85	142.8 140.9 143.3	89.2 91.1 88.7	5135
04S/05E-03P01 S	380.0	11/09/84 01/25/85 06/07/85	215.5 213.3 213.1	164.5 166.7 164.9	5135	04S/06E-18002 S	242.0	11/01/84 02/06/85 05/30/85	156.2 156.5 157.0	85.8 85.5 85.0	5135
04S/05E-04F01 S	430.0	11/07/84 01/29/85 06/07/85	250.2(4) 248.2(4) 249.3(4)	179.8 181.8 180.3	5135	04S/06E-18R01 S	240.0	11/01/84 02/06/85 05/30/85	163.9 154.6 160.5	76.1 81.4 79.5	5135
04S/05E-05K01 S	446.0	11/07/84 01/24/85 05/30/85	256.6 254.4 251.9(4)	189.4 191.6 194.1	5135	04S/06E-19J02 S	218.0	11/01/84 02/06/85 05/30/85	131.7 130.0 131.4	86.3 88.0 86.6	5135
04S/05E-09R01 S	405.0	11/07/84 01/29/85 05/30/85	233.3(4) 226.3(4) 227.1(4)	169.7 178.7 177.9	5135	04S/06E-20M01 S	205.0	11/02/84 02/06/85 05/31/85	138.0 137.4 140.9	67.0 67.6 64.1	5135
04S/05E-09F01 S	397.0	11/07/84 01/29/85	230.4 228.8	166.6 169.2	5135	04S/06E-27N01 S	165.0	11/02/84 02/06/85 06/04/85	120.2 119.4 121.2	44.8 45.6 43.8	5135
04S/05E-11E01 S	327.0	11/09/84 01/25/85 06/07/85	184.4 180.1 183.0	142.6 146.9 144.0	5135	04S/06E-28A02 S	175.0	11/02/84 02/06/85 06/04/85	126.4 118.5 120.3	48.6 56.3 54.7	5135
04S/05E-13R01 S	345.0	11/08/84	217.4	127.6	5135	04S/06E-28E03 S	177.0	11/02/84 01/31/85 05/31/85	129.3(2) 130.0(2) 122.8(2)	47.7 47.0 54.2	5135
04S/05E-15R02 S	346.0	11/08/84 01/24/85 05/30/85	213.4 211.7 211.6	132.6 134.3 134.4	5135	04S/06E-28H01 S	167.0	11/16/84 02/06/85 06/04/85	106.3 108.3 105.3	60.7 58.7 61.7	5135
04S/05E-19001 S	393.0	10/16/84 11/13/84 12/12/84	206.5 207.9 206.9	186.3 185.1 186.1	5135	04S/06E-28J02 S	166.0	11/16/84 01/30/85 06/04/85	113.4 113.1 114.5	52.6 52.9 51.5	5135
04S/05E-21A01 S	357.0	11/08/84 01/24/85 05/30/85	213.8 215.3 215.3	143.2 141.5 141.7	5135	04S/06E-28K04 S	174.0	11/20/84 02/05/85 06/04/85	120.8 123.5 123.0	54.2 51.5 52.0	5135
04S/05E-21J02 S	348.0	11/08/84 01/24/85 05/30/85	206.2 205.9 207.7	141.8 142.1 140.3	5135	04S/06E-29A01 S	179.0	11/02/84 02/05/85 06/04/85	116.7 113.7 117.1	62.3 65.3 61.9	5135
04S/05E-22A01 S	347.0	11/08/84 01/24/85 05/29/85	214.7 215.9 216.7	132.3 131.1 130.3	5135	04S/06E-34N01 S	160.0	11/20/84 02/05/85 06/04/85	117.0 114.9 120.2	42.1 44.1 39.8	5135
04S/05E-26B01 S	340.0	11/08/84 01/03/85 05/31/85	238.1(4) 233.4 238.2(4)	101.9 104.6 101.8	5135	04S/06E-34N02 S	161.5	11/16/84	119.7	41.9	5135
04S/05E-27E02 S	315.0	11/08/84 01/24/85 05/31/85	186.6 186.2 181.3(4)	128.4 128.8 133.7	5135	04S/06E-34F01 S	161.0	11/20/84 02/06/85 06/04/85	90.5 91.1 96.7	70.5 69.9 64.7	5135
04S/05E-28F02 S	310.0	11/08/84 01/24/85 05/31/85	184.7(4) 181.9 182.7	125.3 128.1 127.3	5135	04S/06E-34K01 S	158.0	11/20/84 02/06/85 06/04/85	124.6 121.8 128.7	33.4 36.2 29.3	5135
04S/05E-29A01 S	332.0	10/05/84 11/07/84 12/12/84	182.2 181.9 180.0	149.8 150.1 152.0	5135	04S/06E-34K02 S	161.1	11/20/84	120.5	31.6	5135
04S/05E-29F01 S	329.0	11/09/84 01/30/85 05/30/85	178.1 173.7 174.2	150.9 153.3 152.8	5135	04S/06E-34L01 S	160.0	11/20/84	125.5	34.5	5135
04S/05E-29K01 S	325.0	11/09/84 01/30/85	187.9 188.6	137.1 136.4	5135	04S/06E-34Q01 S	168.0	11/20/84 02/08/85 06/05/85	92.7 93.6 94.6	75.3 74.4 71.4	5135
						04S/07E-31Q03 S	69.4	02/07/85 06/05/85	91.6 102.6	-22.2 -33.2	5135
						04S/07E-32N01 S	73.3	02/09/85 06/05/85	71.0 82.5	2.3 -9.2	5135
						04S/04E-02G01 S	581.0	12/11/84 02/27/85	263.4 258.2	317.6 322.8	5135



TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA				
055/04E-02601 S	581.0	06/07/85	259.7	321.3	5135	055/06E-16A02 S	190.0	11/27/84 03/08/85 06/10/85 06/13/85	149.3(4) 149.0(4) 154.5 155.2(4)	40.7 41.0 35.5 34.8	5135
055/05E-01C01 S	244.0	11/21/84 02/13/85 06/04/85	169.5 171.5 169.8	74.5 72.5 74.2	5135	055/06E-16H01 S	160.0	11/29/84 03/08/85 06/13/85	131.3 127.3 130.9	28.7 32.7 29.1	5135
055/05E-01N02 S	250.8	11/21/84 02/13/85	169.0 169.5	81.8 81.3	5135	055/06E-16M01 S	179.0	11/29/84 03/08/85	142.3 141.7	36.7 37.3	5135
055/05E-01L05 S	242.0	11/21/84 02/15/85 06/04/85	176.8(4) 172.8 173.2(4)	65.2 69.2 68.8	5135	055/06E-17G02 S	195.0	11/29/84 03/08/85 06/13/85	154.0 146.3 152.3	41.0 48.7 42.7	5135
055/05E-01P01 S	240.0	11/21/84 02/13/85 06/04/85	173.5 171.5 174.4	66.5 68.5 65.6	5135	055/06E-18L02 S	198.0	11/29/84 03/08/85 06/13/85	163.2 160.9 175.6	34.6 37.1 22.4	5135
055/05E-02F02 S	232.0	11/21/84 02/13/85 06/04/85	169.5 167.0 169.4	82.5 85.0 82.6	5135	055/06E-18H01 S	193.0	11/30/84 03/08/85 06/13/85	157.6(4) 156.0 159.8(4)	35.4 37.0 33.2	5135
055/05E-02L01 S	252.0	11/21/84 02/13/85 06/04/85	170.9 172.4 173.7	81.1 79.6 70.3	5135	055/06E-18R02 S	193.0	11/30/84 03/09/85 06/13/85	165.9(4) 156.9(4) 161.2(4)	27.1 36.1 31.8	5135
055/05E-03A01 S	260.0	11/21/84 02/13/85 06/04/85	170.3 167.8 169.5	89.7 92.2 90.5	5135	055/06E-20P01 S	267.0	11/29/84 03/28/85 06/21/85	229.0 234.2 231.3	38.0 32.8 35.7	5135
055/05E-11A01 S	234.0	11/21/84 02/13/85	178.5 178.8	55.5 55.2	5135	055/06E-21L01 S	240.0	12/19/84 03/08/85	233.5 233.1	6.5 6.9	5135
055/05E-12C01 S	261.0	11/27/84 02/15/85 06/04/85	160.0 158.0 160.2	101.0 103.0 100.8	5135	055/06E-21N02 S	248.0	11/30/84 03/07/85 06/20/85	219.5(4) 211.0(4) 209.0	28.5 37.0 39.0	5135
055/05E-12O01 S	239.0	11/21/84 02/14/85	168.9 168.4	70.1 70.6	5135	055/06E-21P01 S	260.0	11/29/84 02/28/85 06/18/85	226.6 227.9 233.3	33.4 32.2 26.7	5135
055/05E-12H02 S	220.0	11/28/84 02/14/85 06/07/85	166.5 167.6 169.6	53.5 52.4 50.4	5135	055/06E-21O03 S	240.0	11/30/84 02/28/85 06/20/85	203.8(4) 206.0 198.0	36.2 34.0 42.0	5135
055/05E-12J01 S	220.0	11/28/84 02/14/85 06/04/85	169.0 170.0 171.6	51.0 50.0 48.4	5135	055/06E-22R01 S	160.0	11/29/84 03/07/85 06/14/85	134.5 131.8 135.6	25.5 28.2 24.4	5135
055/05E-12L02 S	240.0	11/28/84 02/14/85 06/13/85	175.0 172.0 175.7(4)	65.0 68.0 64.3	5135	055/06E-22R02 S	160.0	11/30/84 03/07/85 06/12/85 06/14/85	148.0 143.9 128.4 131.4	12.0 16.1 31.6 28.6	5135
055/05E-12O01 S	235.0	11/28/84 02/14/85 06/13/85	170.4 169.4 175.4	64.6 65.6 59.6	5135	055/06E-23L03 S	144.0	10/25/84 03/07/85 06/14/85	119.4 116.8 121.5(4)	24.6 27.2 22.5	5135
055/06E-02A02 S	140.0	11/28/84 02/15/85	122.8 123.4	17.2 16.6	5135	055/06E-24G01 S	108.0	10/25/84 03/07/85 06/14/85	123.4(4) 115.5 120.0	-15.4 -7.5 -12.0	5135
055/06E-05001 S	245.0	11/29/84 02/14/85 06/13/85	199.5 202.2 203.1(4)	45.5 42.8 41.9	5135	055/06E-24H01 S	122.0	10/25/84 03/07/85 06/14/85	127.4(4) 117.0 130.7(4)	-5.4 5.0 -8.7	5135
055/06E-06001 S	220.3	11/28/84 02/14/85 06/07/85	166.7(4) 164.4 169.2(4)	53.6 55.9 51.1	5135	055/06E-25A01 S	85.0	10/25/84 03/07/85 06/18/85	87.0 85.0 94.6	-2.0 .0 -11.6	5135
055/06E-07C02 S	218.9	11/27/84	162.1	56.8	5135	055/06E-27C01 S	204.0	11/28/84 03/07/85	165.0 156.1	39.0 47.9	5135
055/06E-07J01 S	210.0	11/28/84 02/14/85 06/04/85	157.3 157.6 161.1	52.7 52.4 48.9	5135	055/06E-27C02 S	211.0	11/28/84 03/07/85 06/14/85 06/18/85	178.0 149.8 175.7 182.0(4)	33.0 41.2 35.3 29.0	5135
055/06E-07O02 S	206.0	11/21/84 02/14/85 06/04/85	157.6 154.7 157.5	48.4 51.3 46.5	5135	055/06E-28C01 S	262.0	11/28/84 02/27/85 06/14/85	221.8 217.9 222.5	40.2 44.1 39.5	5135
055/06E-07O03 S	210.0	11/21/84 02/14/85 06/04/85	159.5 157.0 163.9	50.5 53.0 46.1	5135	055/06E-28C02 S	262.0	11/28/84 02/27/85 06/14/85	221.8 220.1 224.1	40.2 41.9 37.9	5135
055/06E-08H03 S	205.0	11/29/84 02/14/85 06/13/85	157.7 155.2 160.4	47.3 49.8 44.6	5135	055/06E-29801 S	310.0	11/28/84 03/07/85 06/21/85	275.4 265.5 279.9	34.6 44.5 30.1	5135
055/06E-08N02 S	210.0	11/29/84 02/14/85 06/13/85	153.9(4) 153.6(4) 157.2(4)	56.1 56.4 52.8	5135	055/06E-29C01 S	337.0	11/28/84 02/28/85	293.0 297.0	44.0 40.0	5135
055/06E-12G01 S	122.0	11/27/84 03/08/85 06/19/85	114.1 112.8 116.0	7.9 9.2 6.0	5135	055/06E-29C02 S	340.0	11/28/84 02/28/85	300.0 299.2	40.0 40.8	5135
055/06E-13001 S	178.0	11/27/84 03/08/85 06/10/85	168.2 165.3 171.5	9.8 12.7 6.5	5135	055/06E-29H01 S	405.0	11/29/84 02/27/85 06/18/85	367.8 360.0 368.0	37.2 45.0 37.0	5135
055/06E-14G01 S	210.0	10/25/84 11/27/84 03/08/85 06/10/85	203.6(4) 204.0(4) 195.3(4) 202.0	6.4 6.0 14.7 8.0	5135	055/06E-29P01 S	454.7	11/28/84 02/27/85	403.8 409.8	50.9 44.9	5135
055/06E-14O01 S	165.0	10/25/84 11/27/84 03/07/85 06/14/85	149.7 149.5 145.7 150.6	15.3 15.5 19.3 14.4	5135	055/06E-32G01 S	455.0	11/29/84 02/27/85	363.1 365.5	91.9 89.5	5135
055/06E-16A01 S	181.0	11/27/84 03/08/85 06/13/85	155.4 150.1 154.1(4)	25.6 30.9 26.9	5135	055/07E-04H01 S	50.0	12/06/84	62.3	-12.3	5135

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA				
055/07E-04M01 S	50.0	03/13/85	59.3	-9.3	5135	055/08E-20C02 S	20.0	03/27/85 05/22/85	77.4 80.8	-57.4 -60.8	5135
055/07E-04001 S	40.0	03/22/85	61.2	-21.2	5135	055/08E-20M01 S	.0	03/27/85 05/22/85	68.1 68.6	-68.1 -68.6	5135
055/07E-05K01 S	60.0	12/06/84 03/21/85	63.3 68.6	-3.3 -8.6	5135	055/08E-28M01 S	25.0	03/27/85 05/22/85	58.6 61.3	-33.6 -36.3	5135
055/07E-06B01 S	92.9	12/06/84 03/21/85	83.7 79.5	9.2 13.4	5135	055/08E-28M02 S	40.0	03/27/85 05/22/85	21.2 27.0	18.8 13.0	5135
055/07E-06H01 S	83.0	12/11/84 03/21/85	82.6 82.9	.4 .1	5135	055/08E-29G01 S	28.0	03/27/85 05/22/85	28.9 29.7	-.9 -1.7	5135
055/07E-06M01 S	102.0	12/05/84 03/19/85	102.5 97.3	-.5 4.7	5135	055/08E-29R01 S	30.0	03/27/85 05/22/85	27.4 30.8	22.6 19.2	5135
055/07E-07F01 S	103.0	10/14/84 12/05/84 03/19/85	105.0(4) 96.3(4) 97.7(4)	-2.0 6.7 5.3	5135	055/08E-31J01 S	-52.0	03/22/85	9.3	-61.3	5135
055/07E-07P01 S	97.0	12/05/84 03/19/85	107.8 107.9	-10.8 -10.9	5135	055/08E-34G01 S	25.0	03/28/85	134.0	-129.0	5135
055/07E-08G01 S	90.0	10/25/84 12/05/84 03/21/85	90.8 90.6 91.0	-.8 -.6 -1.0	5135	06S/06E-01G01 S	50.0	12/06/84 04/18/85	87.0 84.8	-37.0 -34.8	5135
055/07E-08001 S	50.0	12/05/84 03/19/85	68.2 69.0	-18.2 -19.0	5135	06S/06E-01001 S	55.0	10/01/84 03/29/85	96.2 95.6	-41.2 -40.6	5135
055/07E-09F01 S	44.0	12/11/84 03/20/85	47.4 52.9	-3.4 -8.9	5135	06S/06E-12G01 S	90.0	10/01/84 03/29/85	134.9 132.2	-44.9 -42.2	5135
055/07E-10E01 S	28.0	12/06/84 03/21/85	47.4 44.8	-19.4 -16.8	5135	06S/07E-01M01 S	-45.5	04/10/85	33.4	-78.9	5135
055/07E-11C01 S	29.0	03/21/85	47.0	-18.0	5135	06S/07E-01P01 S	-50.0	04/10/85	8.0	-58.0	5135
055/07E-12P01 S	3.0	03/27/85	36.8	-33.8	5135	06S/07E-02G01 S	-11.2	03/28/85	27.6	-38.8	5135
055/07E-13001 S	11.0	03/21/85 05/22/85	20.6 21.8	-9.6 -10.8	5135	06S/07E-04002 S	32.0	03/28/85	73.9	-41.9	5135
055/07E-14J02 S	-12.0	03/27/85 05/22/85	14.6 17.3	-26.6 -29.3	5135	06S/07E-05G01 S	45.0	03/28/85	82.6	-37.6	5135
055/07E-14K01 S	5.0	03/27/85 05/22/85	26.0 29.0	-21.0 -24.0	5135	06S/07E-07B01 S	50.0	10/02/84 03/28/85	85.0 85.4	-35.0 -35.4	5135
055/07E-15G01 S	5.5	03/27/85 05/22/85	31.5 33.6	-26.0 -28.1	5135	06S/07E-08D02 S	31.0	03/28/85	61.6	-30.6	5135
055/07E-16C01 S	30.0	12/04/84 03/19/85	52.4 55.3	-22.4 -25.3	5135	06S/07E-09L02 S	9.5	04/10/85	42.1	-32.6	5135
055/07E-16K02 S	33.0	12/04/84 03/19/85	47.0 48.2	-14.0 -15.2	5135	06S/07E-10G01 S	-15.0	04/10/85	20.6	-35.6	5135
055/07E-18001 S	125.0	12/05/84 03/19/85	135.8 132.0	-10.8 -7.0	5135	06S/07E-12E01 S	-45.0	04/10/85	9.4	-54.4	5135
055/07E-18M02 S	120.0	12/05/84 03/19/85	139.6 131.9	-19.6 -11.9	5135	06S/07E-13M02 S	-56.0	04/10/85	8.3	-64.3	5135
055/07E-21F02 S	40.0	12/04/84 03/19/85	55.2 59.5	-15.2 -19.5	5135	06S/07E-13M04 S	62.0	04/10/85	25.4	36.6	5135
055/07E-22H02 S	5.0	03/27/85	57.0	-52.0	5135	06S/07E-17B01 S	-5.0	04/03/85	53.7	-58.7	5135
055/07E-27B01 S	16.5	03/27/85	47.5	-31.0	5135	06S/07E-22B01 S	-42.0	01/08/85 04/03/85	21.3 21.8	-63.3 -63.8	5135
055/07E-27L01 S	20.0	03/27/85	67.5	-47.5	5135	06S/07E-23003 S	-52.0	04/03/85	24.0	-76.0	5135
055/07E-28E01 S	43.0	12/04/84 03/20/85	69.8 71.3	-26.8 -28.3	5135	06S/07E-23F01 S	-55.0	04/03/85	22.4	-77.4	5135
055/07E-30C02 S	75.0	12/04/84 03/20/85	94.4 94.3	-19.4 -19.3	5135	06S/08E-02001 S	9.0	10/02/84 04/10/85	112.2 111.4(4)	-103.2 -102.4	5135
055/07E-30F01 S	76.0	12/04/84 03/20/85	89.2 88.5	-13.2 -12.5	5135	06S/08E-02F01 S	11.0	12/02/84 04/10/85	124.8(4) 124.5(4)	-113.8 -113.5	5135
055/07E-30F02 S	76.0	12/04/84 03/20/85	89.0 89.3	-13.0 -13.3	5135	06S/08E-03C01 S	-69.5	10/02/84 12/12/84 01/09/85 04/03/85	NM-2 8.8 8.7 9.3	-78.3 -78.2 -78.8	5135
055/07E-30J01 S	65.0	12/04/84 03/20/85	97.5 96.3	-32.5 -31.3	5135	06S/08E-03P01 S	-75.0	12/13/84 01/10/85	7.7 7.8	-82.7 -82.8	5135
055/07E-33002 S	43.0	10/25/84 03/22/85	77.9 77.6	-34.9 -34.6	5135	06S/08E-05R01 S	-80.5	10/03/84 12/12/84 01/08/85 04/10/85	12.5 7.0 4.4 10.7	-93.0 -87.5 -84.9 -91.2	5135
055/07E-33F02 S	40.5	10/25/84 03/22/85	75.6 74.2	-35.1 -33.7	5135	06S/08E-05R02 S	-82.2	12/13/84 01/08/85 04/10/85	5.4 3.9 8.6	-87.6 -86.1 -90.8	5135
055/07E-33M01 S	40.0	10/25/84 03/22/85	77.9 78.1	-37.9 -38.1	5135	06S/08E-06G03 S	-62.5	10/03/84 04/03/85	16.5 9.1	-79.0 -71.6	5135
055/07E-36001 S	-21.0	10/26/84 03/22/85	25.5 24.9	-46.5 -45.9	5135	06S/08E-09K02 S	-98.0	01/03/85 04/03/85	FLNW 7.0	-105.0	5135
055/07E-36G01 S	-32.0	03/22/85	14.2	-46.2	5135	06S/08E-09Q04 S	-102.0	10/03/84	4.6	-106.6	5135
055/07E-36P01 S	-34.0	04/24/85	17.7	-51.7	5135	06S/08E-10F01 S	-90.0	10/02/84 01/09/85 04/03/85	6.5 FLNW 4.0	-105.5 -103.0	5135
055/08E-17N01 S	30.0	03/27/85	74.2	-44.2	5135	06S/08E-17B01 S		10/03/84 10/04/84 04/03/85	NM-2 FLNW FLNW		5135
055/08E-19H02 S	.0	03/27/85 05/22/85	74.2 72.5	-74.2 -72.5	5135	06S/08E-19Q01 S		10/03/84 04/03/85	NM-7 FLNW		5135
						06S/08E-19Q02 S	-87.0	10/03/84 04/03/85	17.1 9.9	-99.1 -96.9	5135

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER H8 WHITEWATER HU COACHELLA NA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER H8 WHITEWATER HU COACHELLA NA INDIO HSA				
06S/08E-19P01 S		01/28/85	FLOW		5135	07S/09E-08P01 S	-180.0	10/18/84 04/04/85	22.2(4) 10.0(4)	-202.2 -190.0	5135
06S/08E-22D02 S	-120.0	10/03/84 04/03/85	2.3 FLOW	-122.3	5135	07S/09E-13N01 S	-101.0	10/18/84 04/25/85	45.0 47.1	-146.0 -148.1	5135
06S/08E-22K01 S		04/10/85	FLOW		5135	07S/09E-16M02 S	-186.0	10/18/84 04/25/85	22.2 10.2	-208.2 -196.2	5135
06S/08E-25P01 S	-140.0	10/04/84	23.9	-163.9	5135	07S/09E-17K01 S		04/04/85	FLOW		5135
06S/08E-27C01 S		04/16/85	FLOW		5135	07S/09E-22G02 S	-173.0	10/18/84 04/25/85	35.2 25.8	-208.2 -198.8	5135
06S/08E-27N01 S		04/16/85	FLOW		5135	07S/09E-23M01 S	-187.7	10/18/84 04/04/85	22.7 11.8	-210.4 -199.5	5135
06S/08E-32R01 S		04/16/85	FLOW		5135	07S/09E-26G02 S		04/25/85	FLOW		5135
06S/08E-34C01 S		04/16/85	FLOW		5135	07S/09E-30M01 S		04/25/85	FLOW		5135
06S/08E-35J01 S		04/10/85	FLOW		5135	07S/10E-27401 S	34.0	10/18/84	51.5	-17.5	5135
06S/08E-36M01 S		04/10/85	FLOW		5135	08S/08E-03801 S	-95.1	10/19/84 04/02/85	57.3 56.3	-152.4 -151.4	5135
06S/09E-19L01 S	-36.0	10/05/84 04/10/85	132.8 136.2	-170.8 -174.2	5135	08S/08E-03L01 S	-59.5	10/12/84 04/02/85	92.8 93.1	-152.3 -152.6	5135
06S/09E-30A01 S	-51.0	10/05/84 04/10/85	60.2 67.0	-111.2 -118.0	5135	08S/08E-11A04 S	-157.0	04/24/85	14.3	-171.3	5135
06S/09E-32A01 S	20.0	10/05/84 04/04/85	193.0 191.5	-173.0 -171.5	5135	08S/08E-11M01 S	-166.0	10/19/84 04/24/85	4.0 5.0	-170.0 -171.0	5135
06S/09E-32Q01 S	-100.0	10/05/84 04/04/85	77.7 74.5(4)	-177.7 -174.5	5135	08S/08E-24A02 S	-154.0	10/19/84 11/26/84 04/02/85	NM-4 28.0 29.5	-182.0 -183.5	5135
06S/09E-33K01 S	25.0	10/05/84 04/04/85	198.6 198.3(4)	-173.6 -173.3	5135	08S/08E-24J01 S	-148.1	10/19/84	40.0	-188.1	5135
07S/07E-01C01 S		01/08/85	FLOW		5135	08S/08E-24L01 S	-110.8	10/19/84 04/02/85	73.1 72.0	-183.9 -182.8	5135
07S/07E-02H01 S		12/13/84 04/10/85	NM-4 NM-4		5135	08S/09E-30A01 S	-152.3	10/26/84 04/02/85	37.9 39.1	-190.2 -191.4	5135
07S/07E-03A01 S	-72.0	10/05/84 01/08/85 04/10/85	23.9 19.4 25.0	-95.9 -91.4 -97.0	5135	08S/09E-31001 S	-6.0	10/05/84	220.5	-226.5	5135
07S/08E-03A01 S		04/18/85	FLOW		5135	08S/09E-31P01 S	-17.8	10/05/84 04/02/85	173.6 172.7	-191.4 -190.5	5135
07S/08E-08N01 S	-92.0	10/11/84 04/18/85	39.3 38.3	-131.3 -130.3	5135	08S/09E-31R02 S	-18.5	10/05/84 04/02/85	180.8 176.0	-199.3 -194.5	5135
07S/08E-09M01 S		04/18/85	FLOW		5135	08S/09E-33M01 S	-133.6	10/05/84 04/02/85	58.1 NM-6	-191.7	5135
07S/08E-17A01 S	-115.0	10/11/84 12/21/84 04/18/85	NM-2 12.7 12.6	-127.7 -127.6	5135						
07S/08E-17F01 S	-79.0	10/11/84 04/18/85	50.9 49.8	-129.9 -128.8	5135						
07S/08E-17G01 S	-78.0	10/11/84 04/18/85	50.8 49.7	-128.8 -127.7	5135						
07S/08E-18C01 S	-73.0	10/11/84 04/18/85	52.4 52.4	-125.4 -125.4	5135						
07S/08E-20801 S	-20.0	10/11/84 04/18/85	111.8 109.9	-131.8 -129.9	5135						
07S/08E-20H01 S	-22.0	10/11/84 04/18/85	108.2 108.2	-130.2 -130.2	5135						
07S/08E-22K01 S	-124.0	10/11/84 04/18/85	20.6 22.2	-144.6 -146.2	5135						
07S/08E-23Q02 S		12/20/84	FLOW		5135						
07S/08E-28G01 S	-16.5	10/12/84 04/18/85	123.6 120.0	-140.1 -136.5	5135						
07S/08E-29G01 S	93.0	10/12/84 04/18/85	215.1(4) 219.4	-122.1 -126.4	5135						
07S/08E-33801 S	21.8	10/12/84 04/24/85	171.8 167.8	-150.0 -146.0	5135						
07S/08E-33E01 S	75.0	10/12/84 04/24/85	218.9 215.9	-143.9 -140.9	5135						
07S/08E-34G01 S	-92.3	10/19/84 04/24/85	51.5 56.4	-143.8 -148.7	5135						
07S/08E-34K01 S	-84.7	10/19/84 04/24/85	66.6 65.4	-151.3 -150.1	5135						
07S/08E-35K01 S		04/24/85	FLOW		5135						
07S/09E-03D01 S	31.0	10/05/84 04/04/85	209.1 208.9	-178.1 -177.9	5135						
07S/09E-04C01 S	-42.0	10/05/84 04/04/85	141.0(4) 131.0(4)	-183.0 -173.0	5135						
07S/09E-04K01 S	-65.0	10/18/84 04/18/85	113.5 113.5	-178.5 -178.5	5135						
07S/09E-05M01 S	-152.5	10/05/84 04/25/85	32.8(4) 29.6	-185.3 -182.1	5135						
07S/09E-07H02 S		04/25/85	FLOW		5135						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA					Y Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA					
035/09W-04G01 S	256.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	68.3(1) 77.8(1) 68.8 69.8(1) 22.1 23.3 67.6(1) 70.5(1) 71.1(1) 71.8(1) 72.0(1) 73.9(1)	187.7 178.2 187.2 186.2 233.9 232.7 185.4 185.5 184.9 184.2 184.0 182.1	4742	045/10W-17H01 S	123.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	136.0 139.0 129.0 128.0 116.0 111.0 112.0 110.0 130.0 135.0 141.0 143.0	-13.0 -16.0 -6.0 -5.0 7.0 12.0 11.0 13.0 -7.0 -12.0 -18.0 -20.0	4210	
045/09W-07P01 S	203.0	11/01/84 01/08/85 05/16/85 06/25/85	126.0 127.0 96.0 139.0	77.0 76.0 107.0 64.0	3916	045/10W-17J02 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	124.0 137.0 134.0 128.0 117.0 112.0 114.0 127.0 134.0 136.0 131.0 128.0	-6.0 -14.0 -16.0 -10.0 1.0 6.0 4.0 -9.0 -16.0 -18.0 -13.0 -10.0	4210	
045/09W-17Q01 S	231.0	10/02/84 02/04/85 02/13/85 02/19/85 05/09/85 06/18/85 08/22/85 09/10/85	160.4 NM-7 159.1 180.5 156.4 159.5 163.3 165.2	70.6 5102 71.9 50.5 74.6 71.5 67.7 65.8	5102 4417 5102 4417 5102	045/10W-17L02 S	113.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	106.0 108.7 114.0 89.0 80.0 79.0 82.0 98.0 92.0 95.0 137.0 140.0	7.0 5.0 -1.0 24.0 33.0 34.0 31.0 25.0 21.0 18.0 -24.0 -27.0	4210	
045/09W-27001 S	300.0	11/01/84 01/09/85 03/08/85 05/16/85	256.0 256.0 254.0 256.0	44.0 44.0 46.0 44.0	3916	045/10W-18K01 S	100.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	117.0 118.0 106.0 104.0 94.0 90.0 91.0 100.0 108.0 109.0 121.0 123.0	-17.0 -18.0 -6.0 -4.0 6.0 10.0 9.0 -0.0 -8.0 -9.0 -21.0 -23.0	4210	
045/09W-28R01 S	262.1	10/30/84 02/13/85 05/09/85 08/22/85	231.2(2) 217.8 224.1 240.9(2)	30.9 44.3 38.0 21.2	4417	045/10W-19R03 S	92.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	90.0 89.0 89.0 78.0 75.0 76.0 77.0 75.0 93.0 89.0 95.0 99.0	2.0 3.0 3.0 14.0 17.0 16.0 15.0 17.0 9.0 4.0 -3.0 -7.0	4210	
045/09W-33H01 S	226.0	10/09/84 10/31/84 02/13/85 04/15/85 05/09/85 08/17/85	207.9 210.3 197.5 204.4 206.6 219.8	18.1 15.7 28.5 21.6 19.4 6.2	4417	045/10W-20N01 S	98.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	71.0 71.0 71.0 69.0 69.0 71.0 70.0 70.0 70.0 73.0 75.0	27.0 27.0 27.0 29.0 29.0 27.0 28.0 28.0 28.0 25.0 23.0	4210	
045/10W-11002 S	176.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	112.0 117.0 109.0 111.0 102.0 101.0 102.0 104.0 110.0 114.0 116.0 118.0	64.0 59.0 67.0 65.0 74.0 75.0 74.0 72.0 66.0 62.0 60.0 58.0	4210	045/10W-21F01 S	119.0	11/14/84 02/14/85 05/09/85 06/17/85	68.2 66.1 67.2 69.2	49.8 49.9 50.8 48.8	4417	
045/10W-14D02 S	164.1	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	119.0 124.0 123.0 126.0 104.0 102.0 103.0 107.0 114.0 117.0 120.0 119.0	45.1 40.1 41.1 38.1 60.1 62.1 61.1 57.1 50.1 47.1 44.1 46.1	4210	045/10W-21H01 S	123.6	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	134.0 142.0 141.0 142.0 119.0 119.0 117.0 128.0 131.0 148.0 149.0 152.0	-14.4 -19.4 -17.4 -18.4 5.4 8.4 6.4 -4.4 -7.4 -21.4 -25.4 -28.4	4210	
045/10W-14H02 S	176.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	116.0 115.0 110.0 105.0 105.0 104.0 107.0 105.0 112.0 113.0 116.0 116.0	60.0 61.0 66.0 71.0 71.0 72.0 69.0 71.0 64.0 64.0 60.0 58.0	4210							
045/10W-14H01 S	147.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	98.0 94.0 92.0 94.0 83.0 84.0 84.0 84.0 NM-7 92.0 94.0 97.0 99.0	49.0 53.0 55.0 53.0 64.0 63.0 63.0 55.0 55.0 53.0 50.0 48.0	4210							
045/10W-15R05 S	157.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	119.0 120.0 116.0 118.0 112.0 111.0 113.0 108.0 114.0 115.0 120.0 123.0	38.0 37.0 41.0 39.0 45.0 46.0 44.0 49.0 43.0 42.0 37.0 34.0	4210	045/10W-23R02 S	165.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	92.0 104.0 103.0 104.0 98.0 94.0 109.0 96.0 104.0 106.0 131.0 128.0	73.0 61.0 62.0 61.0 69.0 71.0 56.0 69.0 61.0 59.0 34.0 37.0	4210	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.4 Y-01.41	SANTA ANA HB SANTA ANA RIVER MU LOWER SANTA ANA RIVER H4 EAST COASTAL PLAIN H54					Y Y-01 Y-01.4 Y-01.41	SANTA ANA HB SANTA ANA RIVER MU LOWER SANTA ANA RIVER H4 EAST COASTAL PLAIN H54				
045/10W-25F01 S	152.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	120.0 124.0 112.0 111.0 116.0 116.0 117.0 114.0 108.0 113.0 116.0 114.0	32.0 28.0 40.0 41.0 36.0 36.0 35.0 38.0 44.0 39.0 36.0 38.0	4210	055/09W-22402 S	86.8	01/02/85 02/01/85 03/01/85 04/11/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	55.0 50.0 57.0 64.0 146.0(1) 89.0 88.0 85.0 87.0	31.9 36.8 29.8 22.8 -79.2 -2.2 -1.2 1.8 -2.2	4709
045/10W-27C02 S	129.0	10/02/84 11/13/84 11/14/84 02/04/85 02/14/85 05/09/85 07/16/85 08/17/85 09/24/85	70.5 71.6 71.6 72.1 71.9 70.3 71.4 72.2 73.1	58.5 57.4 57.4 56.9 57.1 58.7 57.6 56.8 55.9	5102	055/09W-23A01 S	118.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	249.0(1) 242.0(1) 103.0 69.0 74.0 21.0(1) 21.0(1) 224.0(1) 224.0(1) 227.0(1) 95.0 108.0	-130.3 -123.3 15.7 49.7 39.7 -96.3 -102.3 -105.3 -107.3 -108.3 23.7 10.7	4709
045/10W-31B02 S	80.0	11/01/84 02/14/85 05/09/85 08/17/85	42.2 39.8 39.8 43.2	37.8 40.2 40.2 36.8	4417	055/09W-23N01 S	77.0	10/26/84 02/13/85 05/09/85	62.2 21.9 51.6	14.8 55.1 25.4	4417
045/10W-34003 S	95.9	11/14/84 08/17/85	56.4 14.3	39.5 81.6	4417	055/09W-28001 S	60.0	10/30/84 02/13/85 05/06/85 08/16/85	57.3 47.0 54.5 64.0	2.7 13.0 5.5 -4.0	4417
045/11W-24A01 S	82.5	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	82.0 84.0 76.0 76.0 69.0 60.0 60.0 69.0 73.0 81.0 88.0 91.0	.5 -1.5 6.5 6.5 19.5 25.5 22.5 19.5 19.5 1.5 -5.5 -8.5	4210	055/09W-31B01 S	40.4	10/25/84 02/13/85 05/16/85 08/07/85	47.2 34.7 39.9 50.6	-6.8 5.7 .5 -20.2	4417
045/11W-26B01 S	59.8	10/02/84 02/04/85 06/16/85 09/24/85	28.0 22.3 24.0 25.4	31.8 37.5 35.8 34.4	5102	055/09W-31M02 S	34.3	10/30/84 02/14/85 05/14/85 08/19/85	42.7 29.1 32.8 58.1	-8.4 5.2 1.5 -23.8	4417
045/11W-35B01 S	55.4	11/01/84 02/14/85 05/07/85 08/17/85	30.5 22.9 24.6 30.0	24.9 32.5 30.8 25.4	4417	055/09W-34J01 S	67.9	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	99.0(1) 101.0(1) 46.0 12.0 2.0 2.0 20.0 78.0(1) 94.0(1) 87.0(1) 39.0 23.0	-31.1 -33.1 21.9 95.9 65.9 65.9 47.9 -10.1 -26.1 -19.1 28.9 42.9	4709
055/08W-29P01 S	266.5	10/26/84 03/01/85 05/06/85	104.3 107.1 NM-6	158.2 159.4	4417	055/09W-34001 S	69.7	10/31/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	123.0(1) 144.0(1) 100.0 66.0 21.0 21.0 74.0 90.0 145.0(1) 113.0(1) 58.0 50.0	-53.3 -74.3 -30.3 3.7 48.7 4.6 -4.3 -20.3 -75.3 -43.3 11.7 19.7	4709
055/08W-31K01 S	219.7	10/26/84 02/11/85 05/06/85 08/06/85	121.8 95.6 111.2 122.1	97.9 124.1 108.5 97.6	4417	055/09W-36B01 S	157.0	10/09/84 10/26/84 02/11/85 04/15/85 05/06/85 08/07/85	69.1 66.8 45.3 48.9 54.9 66.0	87.9 90.2 111.7 108.1 102.1 91.0	4417
055/08W-32L01 S	274.4	10/26/84 02/11/85 05/06/85 08/06/85	140.5 134.3 136.9 139.6	133.9 140.1 137.5 134.8	4417	055/09W-09R01 S	74.2	10/09/84 10/31/84 02/13/85 03/12/85 04/15/85 05/09/85 08/16/85	32.3 32.7 30.7 30.0 29.8 30.8 33.9	41.9 41.5 43.5 44.2 44.4 43.4 40.3	4417
055/09W-10G01 S	180.4	10/23/84 01/23/85 06/20/85 09/12/85	NM-9 NM-9 144.3 147.8	36.1 32.6	5102	055/10W-10D04 S	84.0	10/31/84 02/13/85 05/09/85 08/16/85	43.0 40.7 41.1 44.5	41.0 43.3 42.9 39.5	4417
055/09W-14002 S	123.0	10/26/84 02/12/85 05/06/85 08/16/85	125.0 66.9 123.7 125.5	-2.0 56.1 -7 -2.5	4417	055/10W-10P01 S	82.4	10/31/84 11/13/84 02/15/85 05/09/85 08/16/85	39.0 42.1 36.5 37.1 43.2 40.5 50.7	43.4 40.3 45.9 45.9 39.2 41.9 31.7	4417
055/09W-15J01 S	107.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/12/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	138.1(1) 100.1 89.1 74.1 83.1 75.7(4) 85.1 89.1 146.1(1) 155.1(1) 100.1 102.1 105.1	-30.8 7.2 19.2 31.2 24.2 31.6 22.2 18.2 -38.8 -47.8 7.2 5.2 2.2	4709	055/10W-15R02 S	79.0	10/31/84 02/13/85 05/09/85 08/16/85	37.1 34.7 44.3 38.7	41.9 44.3 43.7 40.3	4417
055/09W-15R03 S	96.7	10/26/84 02/12/85 05/06/85 08/16/85	17.2 18.2 16.9 19.4	79.5 78.5 79.8 77.3	4417	055/10W-21M02 S	40.0	10/31/84 02/15/85 05/14/85 08/16/85	17.8 13.2 13.2 19.0	22.2 26.8 26.8 21.0	4417
055/09W-21B01 S	94.0	02/13/85	77.7	16.3	4417	055/10W-26R02 S	37.2	10/25/84 02/14/85 05/08/85	8.9 7.7 8.0	28.3 29.5 29.2	4417
055/09W-21P02 S	74.5	10/30/84 02/13/85 05/06/85 08/16/85	14.1 13.5 14.5 15.1	60.4 61.0 60.0 59.4	4417						
055/09W-22A02 S	86.8	10/01/84 10/26/84 11/01/84 11/06/84 12/03/84	87.0 NM-0 80.0 84.6 73.0	-2 4417 6.6 2.2 13.8	4709						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA					Y Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA				
055/10W-26R02 S	37.2	08/07/85	9.2	28.0	4417	065/10W-05803 S	18.4	08/16/85	28.3	-9.9	4417
055/10W-31004 S	20.0	10/31/84 02/15/85 05/14/85 06/16/85	20.4 14.6 15.2 22.4	-4 5.4 4.8 -2.4	4417	065/10W-11601 S	52.0	10/25/84 02/15/85 05/08/85 06/07/85	62.3 50.3 48.3 54.1	-10.3 1.7 3.7 -14.1	4417
055/10W-33001 S	37.6	10/25/84 02/14/85 05/08/85 06/07/85	36.1 34.5 33.4 35.6	1.5 3.1 4.2 2.0	4417	065/10W-13E01 S	31.4	10/25/84 02/15/85 05/08/85 06/07/85	7.3 6.9 6.7 7.5	4.1 4.5 4.7 3.9	4417
055/10W-35K01 S	32.7	10/09/84 10/25/84 02/13/85 03/12/85 04/15/85 05/08/85 06/07/85	44.4 45.0 32.4 27.8 32.9 33.6 56.3	-11.7 -12.3 .3 4.9 -2 -9 -23.6	4417	Y-01.A3 SANTA ANA NARROWS HSA					
055/11W-07C01 S	10.0	11/01/84 02/26/85 05/13/85 08/17/85	49.3 25.9 30.4 47.8	-39.3 -13.9 -20.4 -37.8	4417	035/08W-29001 S	339.0	11/02/84 03/13/85	17.6 NM-6	321.4	4417
055/11W-13A02 S	42.0	02/28/85 05/14/85 06/16/85	31.3 44.7(4) 57.5	10.9 -2.7 -15.5	4417	Y-01.B MIDDLE SANTA ANA RIVER HA Y-01.B1 CHIND HSA					
055/11W-20R04 S	31.2	11/01/84 02/28/85 06/17/85	43.6 34.5 43.9	-12.4 -3.3 -12.7	4417	015/05W-06J01 S	1364.0	11/30/84 05/09/85	NM-7 577.6	746.4	4706
055/11W-24N02 S	25.0	10/30/84 02/14/85 05/14/85 08/19/85	11.4 -1.5 4.7 13.8	13.6 26.5 20.3 11.2	4417	015/05W-07N01 S		11/30/84 05/09/85	NM-7 NM-7		4706
065/08W-06J01 S	238.9	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	141.0 201.0(1) 123.0 106.0 104.0 104.8 186.0(1) 122.0 160.0(1) 175.0(1) 190.0(1) 169.0(1) 128.0	97.9 37.9 115.9 132.9 134.9 134.1 52.9 116.9 78.9 63.9 48.9 69.9 110.9	4709	015/05W-07R01 S	1247.8	12/31/84 03/29/85	475.4 472.6	772.4 775.2	4706
065/08W-07E01 S	178.2	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	77.0 68.0 64.0 50.0 47.0 48.1 52.0 139.0(1) 70.0 68.0 67.0 64.0 79.0	101.2 110.2 114.2 128.2 131.2 130.1 126.2 39.2 108.2 110.2 111.2 64.2 99.2	4709	015/05W-16C01 S	1227.3	12/27/84 03/29/85 08/30/85	405.0 404.5 403.0	822.3 822.8 824.3	4706
065/08W-07R01 S	202.2	10/26/84 02/11/85 05/06/85 08/06/85	71.0 54.2 63.2 70.3	131.2 148.0 139.0 131.9	4417	015/05W-19A01 S		03/29/85	NM-6		4706
065/08W-08N01 S	244.1	10/26/84 01/23/85 02/11/85	130.5 NM-6 NM-6	133.6 5102 4417	4417	015/05W-19001 S	1142.0	12/27/84 03/25/85 08/30/85	NM-7 381.6 384.3		4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/05W-22M01 S	1091.0	10/31/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/31/85 09/03/85	250.0 250.0 250.0 250.5 250.0 249.3 248.9 249.0 250.0 248.0 250.0 250.0 250.0	841.0 841.0 841.0 840.5 841.0 441.7 842.1 842.0 841.0 843.0 841.0 841.0 841.0	4124
065/09W-07003 S	202.2	10/26/84 02/11/85 05/06/85 08/06/85	71.0 54.2 63.2 70.3	131.2 148.0 139.0 131.9	4417	015/05W-29A01 S	1082.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/31/85 09/03/85	280.1 277.3 277.8 277.6 278.2 275.0 275.2 275.0 275.0 274.0 274.0 274.0 275.0	802.3 805.1 804.6 804.8 804.2 807.4 807.2 807.4 813.4 808.0 808.4 808.0 807.4	4124
065/09W-08N01 S	244.1	10/26/84 01/23/85 02/11/85	130.5 NM-6 NM-6	133.6 5102 4417	4417	015/05W-30L01 S	1049.0	12/27/84 03/29/85 08/30/85	292.7 292.8 288.4	756.3 756.2 760.6	4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-11B01 S	1246.5	12/27/84 03/29/85 08/30/85	491.5 489.0 488.5	755.0 757.5 758.0	4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-11N01 S		12/27/84 03/29/85	NM-7 NM-7		4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-12P01 S		12/27/84 03/29/85	NM-7 NM-7		4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-16A01 S		05/08/85	NM-0		4850
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-23001 S	1079.0	12/28/84 03/29/85 08/30/85	341.8 340.0 355.2	737.2 739.0 723.8	4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 54.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 89.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-25C01 S	1050.0	03/29/85 08/30/85	298.4 296.8	751.5 753.2	4706
065/09W-04L01 S	48.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	43.0 43.0 39.0 35.0 37.0 35.0 33.0 34.0 39.0 40.0 41.0 47.0	5.3 5.3 9.3 13.3 11.3 13.3 15.3 14.3 9.3 8.3 7.3 1.3	4709	015/06W-27L01 S	955.1	03/29/85 08/30/85	234.3 233.4	720.8 721.7	4706
065/09W-09A01 S	67.0	02/15/85	51.9	15.1	4417	015/07W-08N01 S		10/02/84 01/03/85	NM-7 NM-7		4205
065/10W-05R03 S	18.4	10/31/84 02/14/85 05/14/85	24.9 17.2 18.5	-6.5 1.2 -1.1	4417	015/07W-14001 S	1094.0	10/02/84 10/17/84 10/30/84 11/13/84 11/28/84 12/17/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85	440.0 421.0 422.0 471.0 411.0 411.3 410.0 411.0 410.0 410.0 411.0 409.0 409.0	654.0 673.0 672.0 673.0 683.0 683.0 684.0 683.0 684.0 684.0 683.0 685.0 685.0	4702

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.0 Y-01.01	SANTA ANA NB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO NSA					Y Y-01 Y-01.0 Y-01.01	SANTA ANA NB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO NSA				
015/07W-14001 S	1094.0	04/37/85 04/29/85 05/16/85 05/30/85 06/18/85 07/18/85 07/29/85 08/13/85 09/16/85	413.0 428.0 424.0 410.0 433.0 436.0 435.0 435.0 432.0	661.0 666.0 670.0 684.0 661.0 658.0 659.0 659.0 662.0	4702	015/08W-01002 S	1542.0	12/03/84 01/02/85 02/21/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	172.0 172.6 182.0 178.5 193.0(1) 215.0(1) 220.0(1) 216.0(1)	1370.0 1369.4 1360.0 1363.5 1349.0 1327.0 1322.0 1326.0	4748
015/07W-14E01 S	1080.0	10/04/84 10/18/84 10/31/84 11/16/84 12/03/84 12/18/84 01/02/85 01/15/85 01/31/85 02/13/85 02/28/85 03/14/85 04/01/85 04/18/85 05/01/85 05/16/85 05/31/85 06/19/85 06/19/85 07/15/85 07/30/85 08/13/85 09/16/85	436.0 419.0 419.0 410.0 409.0 409.0 408.0 406.0 408.0 408.0 409.0 407.0 407.0 411.0 418.0 419.0 400.0 429.0 429.0 432.0 432.0 432.0 429.0	644.0 661.0 661.0 662.0 671.0 671.0 672.0 672.0 672.0 672.0 671.0 673.0 673.0 669.0 662.0 661.0 671.0 651.0 648.0 648.0 648.0 648.0 651.0	4702	015/08W-01003 S	1545.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	238.6 255.0 253.0 255.6 308.6 259.0 264.0 241.0 300.0(1) 304.0(1)	3306.4 1290.0 1292.0 1289.4 1236.4 1286.0 1281.0 1264.0 1245.0 1241.0	4748
						015/08W-11C01 S		12/01/84 01/02/85 05/01/85	NM-7 NM-7 NM-7		5125
						015/08W-11R01 S	1219.9	10/02/84 01/03/85 04/01/85 07/20/85 08/07/85	565.0 558.0 563.0(1) 560.0 558.0	654.9 661.9 656.9 659.9 661.9	4205
						015/08W-12K01 S	1255.0	10/01/84 11/01/84 01/32/85 02/01/85 03/01/85 07/01/85 08/01/85 09/03/85	615.0 615.0 616.0 610.0 610.0 640.0(1) 614.0 642.0(1)	640.0 640.0 639.0 645.0 645.0 615.0 643.0 613.0	4748
015/07W-14G01 S	1085.0	10/02/84 10/17/84 10/30/84 11/16/84 11/28/84 12/17/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85 04/17/85 04/29/85 05/16/85 05/30/85 06/18/85 07/15/85 07/29/85 08/13/85 09/16/85	432.0 417.0 421.0 412.0 407.0 407.0 406.0 407.0 406.0 406.0 408.0 405.0 405.0 412.0 423.0 419.0 406.0 427.0 430.0 430.0 430.0 427.0	653.0 668.0 664.0 673.0 678.0 678.0 679.0 678.0 679.0 679.0 677.0 680.0 680.0 673.0 662.0 666.0 679.0 658.0 655.0 655.0 655.0 658.0	4702	015/08W-12P01 S	1214.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	633.6 584.6 594.2 593.2 583.6 582.6 594.2 590.2 589.6 590.6	581.0 630.0 630.4 631.4 631.0 632.0 630.4 624.4 625.0 624.0	4748
						015/08W-14A03 S	1192.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	518.0 517.0 517.0 517.0 503.0 NM-7 518.0 520.0 528.0 527.0 530.0 530.0	674.0 675.0 675.0 675.0 689.0 674.0 672.0 664.0 665.0 662.0 662.0	5125
015/07W-14L01 S	1066.0	10/04/84 10/18/84 10/31/84 11/16/84 12/03/84 12/18/84 01/02/85 01/15/85 01/31/85 02/13/85 02/28/85 03/14/85 04/01/85 04/18/85 04/30/85 05/16/85 05/31/85 06/18/85 07/15/85 07/29/85 08/13/85 09/16/85	426.0 415.0 413.0 411.0 401.0 411.0 400.0 399.0 398.0 398.0 399.0 398.0 399.0 404.0 403.0 401.0 398.0 398.0 398.0 401.0 410.0 410.0 410.0 407.0	640.0 651.0 653.0 655.0 665.0 655.0 666.0 667.0 668.0 668.0 667.0 667.0 667.0 662.0 658.0 665.0 664.0 668.0 665.0 665.0 656.0 656.0 659.0	4702	015/08W-14001 S	1172.2	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	599.0 581.0 578.0 575.0 575.0 NM-7 575.0 575.0 590.0 596.0 596.0 602.0 601.0	573.2 591.2 594.2 597.2 597.2 597.2 592.2 576.2 576.2 570.2 571.2	5125
						015/08W-14H01 S	1057.0	08/01/85 09/03/85	489.0 490.0	568.0 567.0	5125
015/07W-17E01 S	1155.0	10/02/84 01/03/85 04/01/85 07/20/85 08/07/85	520.0 517.0 545.0(1) 546.0(1) 516.0	635.0 638.0 610.0 609.0 639.0	4205	015/08W-19001 S	1147.0	03/01/85	400.5	746.5	2429
						015/08W-19H01 S	1125.0	10/21/84 11/21/84 12/21/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	574.0 520.0 510.0 509.0 509.0 510.0 514.0 534.0 530.0 530.0 544.0 544.0	551.0 605.0 615.0 616.0 616.0 615.0 611.0 591.0 595.0 595.0 585.0 590.5	5325
015/07W-19001 S	1080.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/01/85	462.0 462.0 460.5 460.0 459.0 448.0 448.0 462.0 460.0 460.0	618.0 618.0 619.5 620.0 621.0 632.0 632.0 618.0 620.0 620.0	4748	015/08W-19J01 S	1101.0	10/21/84 11/21/84 12/21/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	507.5 498.5 489.5 501.5 482.5 482.5 489.5 498.5 506.5 507.5 515.5 510.5	593.5 602.5 611.5 599.5 618.5 611.5 602.5 594.5 593.5 585.5 590.5	5125
015/07W-19002 S	1092.3	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/01/85	478.8 471.3 469.8 468.8 457.8 457.8 457.3 496.9(1) 470.3(1) 470.3	613.5 621.0 622.5 623.5 634.5 634.5 635.0 595.4 622.0 622.0	4748	015/08W-19P02 S	1062.0	02/13/85	431.0	631.0	4776

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.81	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER NA CHINO NSA					Y Y-01 Y-01.8 Y-01.81	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO NSA				
015/08W-15003 S	1050.0	06/03/85 07/01/85 08/01/85 09/03/85	475.0 475.0 477.0 478.0	575.0 575.0 573.0 572.0	5125	015/08W-35J02 S	854.0	01/10/85 04/17/85 07/02/85	254.7 254.7 240.2	598.3 598.3 604.8	1437
015/08W-15R01 S	1078.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	482.0 472.0 460.0 459.0 462.0 449.0 468.0 482.0 484.0 486.0 476.0 483.0	596.0 606.0 618.0 619.0 616.0 629.0 610.0 596.0 594.0 592.0 602.0 595.0	5125	025/05W-07R03 S		12/17/84	NM-6		2980
						025/05W-18C02 S	861.0	01/02/85 05/15/85	46.0 47.0	815.0 814.0	2980
						025/06W-10M03 S	745.0	05/07/85 06/03/85	159.4(4) 160.8(4)	585.6 584.2	8208
						025/06W-10M04 S	745.0	03/01/85 05/07/85 06/05/85	164.2(4) 160.0(4) 164.4(4)	579.8 585.0 580.6	P208
						025/06W-11J02 S	770.0	01/02/85 05/15/85	21.2 24.5	748.8 745.5	2960
015/08W-23A03 S	1073.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	438.0 437.0 435.0 435.0 434.0 434.0 434.0 433.0 434.0 435.0 437.0 436.0	635.0 636.0 638.0 638.0 639.0 639.0 639.0 640.0 639.0 638.0 636.0 637.0	5125	025/06W-11K03 S	755.0	01/02/85 05/15/85	29.8 32.8	725.2 722.2	29M0
						025/06W-11Q01 S	745.0	01/02/85 05/15/85	18.9 18.2	726.1 726.8	29M0
						025/06W-12L01 S	817.0	01/02/85 05/15/85	31.1 31.6	785.9 785.4	2980
						025/06W-12M03 S	795.9	01/02/85 05/15/85	19.5 21.2	776.4 774.7	2980
015/08W-24E01 S		12/01/84 01/02/85 05/01/85	NM-4 NM-4 NM-4		5125	025/06W-13B06 S	783.0	01/02/85 05/15/85	13.8 16.0	769.2 767.0	29M0
015/08W-26B01 S		10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85	NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 350.0 349.0		5125	025/06W-13C06 S	774.0	01/02/85 05/15/85	8.8 9.7	765.2 764.3	2980
	980.0			666.0		025/06W-13F01 S	764.0	01/02/85 05/15/85	13.6 15.2	750.4 748.8	29M0
				630.0 631.0		025/06W-13F02 S	755.0	01/02/85 05/15/85	2.4 4.4	752.6 750.6	2980
015/08W-27M01 S	935.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	327.0 NM-7 323.0 322.0 321.0 NM-7 322.0 323.0	608.0 612.0 613.0 614.0 613.0 612.0	5125	025/06W-13F03 S	770.0	01/02/85 05/15/85	14.3 17.4	755.7 752.6	29M0
						025/06W-13F05 S	775.8	01/02/85 05/15/85	24.2 25.8	751.6 750.0	2980
015/08W-28E01 S	862.0	03/01/85	274.5	607.5	2429	025/06W-13G03 S	775.0	01/02/85 05/15/85	13.3 14.8	761.7 760.2	2980
015/08W-28E02 S	890.0	03/01/85	265.4	604.6	2429	025/06W-13M02 S	753.0	01/02/85 05/15/85	8.1 9.0	744.9 744.0	2980
015/08W-28F01 S	900.0	03/01/85	295.0	605.0	2429	025/06W-13M03 S	793.0	01/02/85 05/15/85	5.6 8.3	747.4 744.7	2980
015/08W-28F02 S	887.5	03/01/85	269.5	618.0	2429	025/06W-14C02 S	734.5	01/02/85 05/15/85	26.0 27.3	708.5 707.2	2980
015/08W-28G01 S	894.0	03/01/85	280.0	614.0	2429	025/06W-14M02 S	737.0	01/02/85 05/15/85	4.5 5.4	732.5 731.5	2980
015/08W-28G02 S	903.0	03/01/85	284.0	619.0	2429	025/06W-14L01 S	711.0	01/02/85 05/15/85	3.6 5.5	707.4 705.5	29M0
015/08W-28L01 S	873.7	03/01/85	256.8	616.9	2429	025/06W-15B02 S		01/02/85	NM-6		2980
015/08W-28M01 S	868.0	03/01/85	262.5	605.5	2429	025/06W-21003 S		01/02/85	NM-6		29M0
015/08W-28M02 S	870.1	03/01/85	267.0	603.1	2429	025/06W-21E01 S	695.2	12/17/84 05/13/85	97.3 97.3	597.9 597.9	2980
015/08W-28M03 S	864.0	03/01/85	257.6	606.4	2429	025/06W-23A01 S	748.0	01/02/85 05/15/85	34.1 34.2	713.9 713.8	2980
015/08W-28N01 S	857.0	03/01/85	250.8	606.2	2429	025/06W-23G01 S	707.0	01/03/85 05/15/85	15.7 15.3	691.3 691.7	2980
015/08W-28N02 S	859.0	03/01/85	252.3	606.7	2429	025/06W-23G04 S		01/03/85	NM-6		2980
015/08W-30K01 S	844.6	03/01/85	211.3	633.3	2429	025/06W-25001 S	684.1	01/03/85 05/15/85	23.0 NM-6	661.1	2980
015/08W-31J01 S	808.0	03/01/85	169.0	639.0	2429	025/06W-26002 S	684.0	01/03/85 05/15/85	25.0 25.6	661.0 660.4	2980
015/08W-32G01 S	816.5	03/01/85	216.5	600.0	2429	025/06W-27A01 S	660.5	01/03/85 05/15/85	13.1 14.6	647.4 645.9	2980
015/08W-33C01 S	836.6	03/01/85	237.0	599.6	2429	025/06W-27004 S	650.0	01/03/85 05/15/85	14.8 18.2	633.2 631.8	2980
015/08W-33D01 S	840.6	03/01/85	240.3	600.3	2429	025/06W-33E01 S	715.9	12/21/84 05/14/85	48.7 DRY	687.2	2980
015/08W-34A01 S		10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	NM-7 NM-7 NM-7 NM-7 294.0 NM-7 278.0 NM-7		5125	025/06W-33E02 S	743.6	12/21/84 05/14/85	40.0 44.1	703.6 699.5	29M0
015/08W-35C04 S	826.0	10/12/84 01/10/85 04/17/85 07/02/85	316.3 316.3 316.3 316.3	599.7 599.7 599.7 599.7	1437	025/08W-11L01 S	710.0	10/12/84 01/10/85 04/17/85 07/02/85	145.8 155.8 155.8 146.2	554.2 554.2 554.2 563.8	1437
015/08W-35J01 S	855.0	10/12/84 01/10/85 04/17/85 07/02/85	264.8 264.8 264.8 236.0	590.2 590.2 590.2 619.0	1437	025/08W-11M01 S	702.9	10/12/84 01/10/85 04/17/85 07/02/85	150.0 150.0 150.0 143.3	552.9 552.9 552.9 559.6	1437
015/08W-35J02 S	854.0	10/12/84	255.7	598.3	1437						



TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.83	SANTA ANA HS SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CLAREMONT HSA					Y Y-01 Y-01.8 Y-01.84	SANTA ANA HS SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CUCAMONGA HSA				
01N/08W-24E01 5	2141.7	10/02/84 01/03/85 02/13/85 04/01/85 06/20/85 07/20/85 08/07/85	117.0 111.0 113.0 89.0 117.0 117.0 119.0	2024.7 2030.7 2028.7 2052.7 2024.7 2024.7 2022.7	4205	01N/07W-27001 5	1574.0	05/31/85 06/25/85 07/15/85 07/31/85 08/13/85 09/17/85	229.0 248.0 261.0 262.0 267.0 264.0	1345.0 1326.0 1313.0 1312.0 1307.0 1310.0	4702
01N/08W-24L01 5	2137.6	10/02/84 01/03/85 02/13/85 04/01/85 06/20/85 07/20/85 08/07/85	169.0 156.0 159.0 124.0 197.0 197.0 162.0	1968.6 1981.6 1978.6 2013.6 1980.6 1980.6 1975.6	4205	01N/07W-28M01 5	1674.0	10/02/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/15/85 05/31/85 06/21/85	328.4 328.4 331.4 341.4 339.4 328.4 326.4 323.4 323.4 322.4 321.4 319.4 321.4 327.4 329.4 329.4 343.4 343.4	1349.6 1349.6 1342.6 1332.6 1338.6 1345.6 1347.6 1350.6 1350.6 1351.6 1352.6 1354.6 1352.6 1346.6 1344.6 1344.6 1330.6 1330.6	4702
01N/08W-23K02 5	1855.0	10/02/84 01/03/85 02/13/85 04/01/85 06/20/85 07/20/85 08/07/85	199.0 161.0 168.3 201.0(1) 113.0 219.0(1) 217.0(1)	1696.0 1694.0 1686.7 1694.0 1742.0 1636.0 1638.0	4205	01N/07W-28M02 5	1670.0	07/15/85 07/30/85 08/14/85 09/17/85	348.0 357.0 363.0 379.0	1322.0 1313.0 1307.0 1291.0	4702
01N/08W-25M01 5	1864.9	10/01/84 11/01/84 12/03/84 01/02/85 02/03/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	203.6 207.6 210.6 209.6 210.0 212.0 214.0 212.0 213.0 213.6	1661.3 1657.3 1654.3 1655.3 1654.9 1652.9 1650.9 1652.9 1651.9 1651.3	4748	01N/07W-29R03 5	1702.3	10/01/84 11/01/84 12/31/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 09/01/85	330.0(1) 309.0 300.0 296.0 290.0 290.0 291.0 323.0 344.0	1372.3 1393.3 1402.3 1406.3 1412.3 1412.3 1411.3 1379.3 1358.3	4748
01S/08W-02R02 5	1549.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	133.3(1) 171.3 173.3 172.3 180.0(1) 184.3(1) 188.3 212.0(1) 216.3(1) 220.3(1)	1416.0 1378.0 1374.0 1377.0 1368.5 1369.0 1361.0 1336.4 1333.0 1329.0	4748	01N/07W-32R03 5	1496.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 09/01/85	72.0 78.0 71.0 66.0 59.0 58.0 59.0 NM-6	1424.0 1418.0 1425.0 1430.0 1437.0 1438.0 1437.0	4748
01S/08W-02001 5	1481.8	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	119.3 120.9 122.3 122.9 124.3 129.3 131.3 163.3(1) 168.9(1) 173.3(1)	1362.5 1360.9 1399.5 1398.9 1357.5 1356.5 1350.5 1318.9 1312.9 1308.5	4748	01N/07W-33001 5	1595.0	10/02/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/15/85 05/30/85 06/25/85 07/15/85 07/30/85 08/14/85 09/16/85	273.0 274.0 279.0 277.0 274.0 265.0 262.0 260.0 259.0 258.0 257.0 256.0 256.0 264.0 267.0 267.0 277.0 285.0 289.0 300.0 306.0 321.0	1322.0 1321.0 1320.0 1318.0 1321.0 1330.0 1335.0 1339.0 1336.0 1337.0 1338.0 1339.0 1339.0 1331.0 1328.0 1328.0 1318.0 1310.0 1306.0 1299.0 1289.0 1274.0	4702
01S/08W-02F01 5	1470.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	97.6(1) 97.0(1) 97.0(1) 98.0(1) 100.0 101.0(1) 104.0(1) 119.0(1) 124.0(1) 124.0(1)	1372.4 1373.0 1373.0 1372.0 1370.0 1369.0 1366.0 1351.0 1346.0 1346.0	4748	01N/07W-33L01 5	1495.0	10/02/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/15/85 05/30/85 06/25/85 07/15/85 07/30/85 08/14/85 09/16/85	206.2 206.2 208.2 206.2 204.2 193.2 190.2 187.2 181.2 183.2 184.2 182.2 184.2 192.2 193.2 197.2 204.2 214.2 220.2 227.2 229.2 239.2	1288.8 1288.8 1286.8 1288.8 1290.8 1301.6 1304.6 1307.8 1313.6 1309.6 1310.8 1312.8 1310.8 1302.8 1301.8 1297.8 1290.8 1280.8 1274.6 1267.8 1265.8 1259.8	4702
Y-01.84	CUCAMONGA HSA										
01N/07W-27P02 5	1580.0	10/03/84 10/17/84 10/30/84 11/14/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/20/85 05/31/85 06/25/85 07/15/85 07/31/85 08/13/85 09/17/85	255.3 258.3 249.3 226.3 219.3 212.3 212.3 208.3 208.3 208.3 208.3 209.3 208.3 223.3 228.3 246.3 254.3 250.3 267.3 261.3 271.3 273.3	1324.7 1321.7 1330.7 1353.7 1364.7 1367.7 1367.7 1371.7 1371.7 1371.7 1370.7 1370.7 1366.0 1351.7 1356.7 1325.7 1329.7 1312.7 1316.7 1308.7 1306.7	4702	01N/07W-33M01 5	1488.2	10/01/84 11/01/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/15/85 05/30/85 06/25/85 07/15/85 07/30/85 08/14/85 09/16/85	226.0(1) 222.0(1) 222.0 199.0 191.0(1) 195.0 201.0(1) 212.0 213.0(1) 246.0(1) 258.0(1)	1262.2 1262.2 1289.2 1289.2 1297.2 1293.2 1287.2 1276.2 1255.2 1242.2 1230.2	4748
01N/07W-27001 5	1574.0	10/02/84 10/17/84 10/30/84 11/14/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/20/85	247.0 234.0 242.0 216.0 199.0 194.0 196.0 192.0 192.0 192.0 196.0 200.0 204.0 211.0 231.0 239.0	1327.0 1338.0 1332.0 1358.0 1375.0 1379.0 1378.0 1382.0 1382.0 1378.0 1374.0 1370.0 1363.0 1343.0 1335.0	4702	01N/07W-34A05 5	1421.0	10/14/84 10/18/84	244.1 205.1	1176.9 1215.9	4702

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.84	SANTA ANA HB SANTA ANA RIVER HI MIDDLE SANTA ANA RIVER HA CUCAMONGA HSA					Y Y-01 Y-01.8 Y-01.85	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA TEMESCAL HSA				
01N/07W-34A03 S	1421.0	10/30/84	212.1	1208.9	4762	03S/06W-31001 S	690.0	12/17/84	115.2	574.8	5272
		11/16/84	189.1	1237.9				01/18/85	114.0	576.0	
		11/28/84	177.1	1243.9				02/07/85	109.0	581.0	
		12/19/84	173.1	1247.9				03/06/85	97.0	593.0	
		01/02/85	174.1	1246.9				04/09/85	113.0	577.0	
		01/14/85	170.1	1250.9				05/14/85	164.0	526.0	
		01/30/85	170.1	1250.9				07/23/85	118.0	572.0	
		02/13/85	169.1	1251.9				08/11/85	113.0	577.0	
		02/27/85	176.1	1244.9				09/09/85	113.0	577.0	
		03/13/85	180.1	1240.9							
		03/29/85	182.1	1238.9		03S/06W-31002 S		10/07/84	NM-0		5272
		04/17/85	189.1	1231.9				12/17/84	NM-0		
		04/30/85	205.1	1215.9				05/14/85	55.0	635.0	
		05/20/85	211.1	1209.9				07/23/85	69.0	621.0	
		05/31/85	202.1	1218.9				09/09/85	113.0	577.0	
		06/25/85	220.1	1200.9							
		07/15/85	243.1	1177.9		03S/07W-11L03 S	375.7	08/01/85	R2.9	492.8	8027
		07/31/85	252.1	1168.9							
		08/13/85	242.1	1178.9		03S/07W-25E01 S	604.0	07/01/85	152.0(1)	452.0	4701
		09/17/85	239.1	1181.9				08/31/85	115.0	484.0	
								09/03/85	117.0	487.0	
01S/07W-04E01 S	1428.2	10/02/84	159.0	1269.2	4702	03S/07W-25J01 S	642.0	10/07/84	85.0(1)	557.0	5272
		10/11/84	161.0	1267.2				11/14/84	86.0(1)	556.0	
		10/30/84	162.0	1266.2				12/17/84	82.0	560.0	
		11/13/84	162.0	1266.2				01/18/85	84.0	558.0	
		11/27/84	159.0	1269.2				02/07/85	84.0	558.0	
		12/19/84	141.0	1287.2				03/06/85	84.0	554.0	
		12/31/84	148.0	1280.2				04/09/85	93.0	549.0	
		01/14/85	144.0	1284.2				05/14/85	86.0	556.0	
		01/30/85	127.0	1301.2				06/15/85	86.0	556.0	
		02/13/85	130.0	1298.2				07/23/85	86.0	556.0	
		02/27/85	129.0	1299.2				08/11/85	88.0	554.0	
		03/13/85	127.0	1301.2				09/09/85	92.0	550.0	
		03/27/85	140.0	1288.2							
		04/18/85	145.0	1283.2		03S/07W-25M02 S	661.0	10/07/84	117.0(1)	544.0	5272
		04/29/85	147.0	1281.2				11/14/84	118.0(1)	543.0	
		05/16/85	146.0	1282.2				12/17/84	105.0	556.0	
		05/31/85	165.0	1263.2				01/18/85	104.0	557.0	
		06/25/85	172.0	1256.2				02/07/85	104.0	557.0	
		07/15/85	185.0	1243.2				03/06/85	107.0	559.0	
		07/29/85	185.0	1243.2				05/14/85	107.0	559.0	
		08/14/85	185.0	1243.2				06/15/85	105.0	556.0	
		09/16/85	199.0	1229.2				07/23/85	102.0	559.0	
								08/11/85	105.0	556.0	
								09/09/85	104.0	557.0	
01S/07W-04E02 S	1428.2	10/02/84	159.8	1268.4	4702	03S/07W-27F01 S	658.0	10/07/84	137.0	521.0	5272
		10/17/84	160.8	1267.4				11/14/84	138.0	520.0	
		10/30/84	163.8	1264.4				12/17/84	144.0	514.0	
		11/13/84	159.8	1268.4				01/18/85	122.0	536.0	
		11/28/84	157.8	1270.4				02/07/85	138.0	520.0	
		12/19/84	138.8	1289.4				03/06/85	138.0	520.0	
		12/31/84	142.8	1285.4				05/14/85	138.0	520.0	
		01/15/85	136.8	1291.4				06/15/85	138.0	520.0	
		01/30/85	128.8	1299.4				07/23/85	138.0	520.0	
		02/13/85	125.8	1302.4				08/11/85	138.0	520.0	
		02/27/85	123.8	1304.4				09/09/85	140.0	518.0	
		03/13/85	122.8	1305.4							
		03/27/85	134.8	1293.4		03S/07W-27G01 S	690.0	10/07/84	127.0	523.0	5272
		04/18/85	143.8	1284.4				11/14/84	124.0	526.0	
		04/29/85	144.8	1283.4				12/17/84	122.0	528.0	
		05/16/85	145.8	1282.4				01/18/85	129.0	528.0	
		05/30/85	156.8	1271.4				02/07/85	123.0	527.0	
		06/25/85	170.8	1257.4				03/06/85	123.0	527.0	
		07/15/85	179.8	1248.4				05/14/85	122.0	528.0	
		07/29/85	176.8	1251.4				06/15/85	121.0	529.0	
		08/14/85	180.8	1247.4				07/23/85	120.0	530.0	
		09/16/85	192.8	1235.4				08/11/85	121.0	529.0	
								09/09/85	120.0	530.0	
01S/07W-04E03 S	1431.8	10/02/84	189.3	1262.5	4762	03S/07W-35C01 S	728.0	10/07/84	173.0	555.0	5272
		10/17/84	190.3	1261.5				11/14/84	173.0	555.0	
		10/30/84	192.3	1259.5				12/17/84	173.0	555.0	
		11/13/84	190.3	1261.5				01/18/85	120.0	608.0	
		11/27/84	187.3	1264.5				02/07/85	173.0	555.0	
		12/19/84	165.3	1286.5				03/06/85	173.0	555.0	
		12/31/84	173.3	1278.5				05/14/85	173.0	555.0	
		01/14/85	168.3	1283.5				06/15/85	173.0	555.0	
		01/30/85	153.3	1298.5				07/23/85	171.0	557.0	
		02/13/85	157.3	1294.5				08/11/85	171.0	557.0	
		02/27/85	156.3	1295.5				09/09/85	170.0	558.0	
		03/13/85	155.3	1296.5							
		03/27/85	159.3	1292.5							
		04/17/85	176.3	1275.5							
		04/29/85	174.3	1277.5							
		05/16/85	194.3	1257.5							
		05/31/85	194.3	1257.5							
		06/25/85	205.3	1246.5		Y-01.86	ARLINGTON HSA				
		07/15/85	213.3	1238.5		02S/05W-14G03 S	801.3	12/17/84	4.1	797.2	5208
		07/30/85	193.3	1258.5							
		08/14/85	214.3	1237.5		02S/06W-36R01 S	733.0	12/21/84	11.7	721.3	2960
		09/16/85	225.3	1226.5				05/14/85	11.7	721.3	
Y-01.85	TEMESCAL HSA					03S/05W-06Q02 S	752.0	10/01/84	8.1	743.9	5208
03S/06W-28A02 S	677.2	12/21/84	21.0	656.2	2980			11/01/84	8.1	743.9	
		05/14/85	20.9	656.3				12/03/84	3.1	748.9	
03S/06W-28L03 S	673.0	12/21/84	28.4	644.6	2980			01/02/85	8.0	744.0	
		05/14/85	28.3	644.7				02/01/85	7.8	744.2	
03S/06W-28L04 S	674.0	12/21/84	29.6	644.4	2980			03/01/85	7.7	744.3	
		05/14/85	29.4	644.6				04/01/85	7.8	744.2	
03S/06W-28M01 S	665.7	12/21/84	26.5	639.2	2960			05/01/85	7.8	744.2	
		05/14/85	20.9	644.8				06/03/85	7.8	744.2	
03S/06W-28M02 S	666.1	12/21/84	28.2	637.9	2980			07/01/85	8.0	744.0	
		05/14/85	27.5	638.6				08/01/85	8.0	744.0	
03S/06W-31001 S	690.0	10/07/84	117.0(1)	573.0	5272	03S/05W-06Q03 S	750.0	10/01/84	6.0	743.1	5208
		11/14/84	112.0	578.0				11/01/84	6.4	743.4	
								12/03/84	6.3	743.7	
								01/02/85	6.6	743.4	
								02/01/85	6.2	743.8	
								03/01/85	6.1	743.9	
								04/01/85	6.2	743.8	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.86	SANTA ANA HR SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER NA ARLINGTON HSA					Y Y-01 Y-01.8 Y-01.86	SANTA ANA HR SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER NA ARLINGTON HSA				
035/05W-06003 S	750.0	05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	6.2 6.2 6.4 6.4 7.0	743.8 743.8 743.6 743.8 743.0	5208	035/06W-13E05 S	716.9	06/03/85 07/01/85 08/01/85 09/03/85	17.0 19.6 19.6 21.6	699.9 697.3 697.3 699.3	5208
035/05W-06004 S	752.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	7.1 7.7 8.2 8.2 7.8 7.7 7.8 7.8 7.8 7.9 7.9 8.3	744.5 744.3 743.8 743.8 744.2 744.3 744.2 744.2 744.2 744.1 744.1 743.7	5208	035/06W-13M01 S	721.0	12/21/84 05/14/85	10.1 22.6	710.9 698.4	2980
035/05W-06005 S	752.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	7.5 7.4 8.3 8.3 7.9 7.8 7.9 7.9 7.9 8.1 8.1 8.5	744.5 744.6 743.7 743.7 744.1 744.1 744.1 744.1 744.1 743.9 743.9 743.5	5208	035/06W-13M01 S	725.2	12/21/84 05/14/85	17.0 26.2	708.2 699.0	2980
035/05W-08802 S	803.0	12/20/84 05/17/85	38.5 38.0	764.5 765.0	2980	035/06W-13M02 S	724.8	12/21/84 05/14/85	17.6 26.8	707.2 698.0	2980
035/05W-08E02 S	786.0	12/20/84 05/13/85	24.7 25.1	761.3 760.9	2980	035/06W-14001 S	721.8	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	20.0 20.1 19.8 20.0 19.0 18.9 19.1 22.5 22.8 24.6 24.6 26.4	701.6 701.7 702.0 701.6 702.8 702.9 702.7 699.3 699.0 697.2 697.2 699.4	5208
035/05W-09E01 S	856.0	10/01/84 11/01/84 12/03/84 12/20/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	81.9 82.3 82.2 81.2 82.4 82.3 81.9 82.5 82.8 82.8 82.9 83.1 83.1 83.4	774.1 773.7 773.5 774.8 773.6 773.7 774.1 773.5 773.2 773.2 772.9 772.9 772.9	5208	035/06W-22K01 S	684.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	17.7 18.1 17.5 17.5 16.7 16.2 16.4 16.8 17.5 18.3 18.3 21.0	667.0 666.6 667.2 667.2 668.0 668.3 668.3 667.9 667.2 666.2 666.2 663.7	5208
035/05W-09M01 S	859.1	12/20/84 05/17/85	83.0 83.7	776.1 775.4	2980	035/06W-22K04 S	697.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	12.1 12.2 17.0 10.3 10.2 10.0 10.2 10.7 16.7	674.9 674.8 670.0 676.7 676.8 677.0 676.8 676.3 670.3	5208
035/05W-14E01 S	1111.4	12/20/84 05/14/85	3.6 17.5	1107.8 1093.9	2980	035/06W-22L01 S	685.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	18.6 18.8 18.9 19.0 19.8 13.6 13.8 14.4 21.2 21.2 21.8	667.0 666.8 666.7 666.6 669.8 672.0 671.8 666.2 664.4 664.4 663.8	5208
035/05W-17K02 S	878.0	12/20/84 05/13/85	45.4 47.3	832.6 830.7	2980	035/06W-24001 S	611.7	12/21/84 05/13/85	3.2 4.4	804.5 807.3	2980
035/05W-19E03 S		12/20/84	NH-0		2980	Y-01.87 RIVERSIDE HSA					
035/05W-19E04 S	834.2	12/21/84 05/13/85	7.9 DRY	826.3	2980	015/04W-19E01 S		12/14/84	NH-9		5208
035/05W-19P01 S	903.0	12/21/84 05/13/85	8.8 10.4	894.2 892.6	2980	015/04W-26L02 S	940.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	30.0 30.0 37.0(1) 25.0 34.0(1) 36.0(1) 31.0(1) 31.0(1)	910.0 910.0 903.0 915.0 906.0 904.0 909.0 909.0	5783
035/05W-19P02 S	908.9	12/21/84 05/13/85	6.7 .9	902.2 906.0	2980	015/04W-28M01 S		12/17/84	NH-6		2980
035/05W-19P03 S	910.3	12/21/84 05/13/85	-3 -7	910.6 911.0	2980	015/04W-28M05 S	927.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	35.3(1) 33.8(1) 42.0(1) 21.0 46.0(1) 45.0(1) 46.0(1) 42.0(1)	891.7 893.2 885.0 906.0 881.0 882.0 881.0 885.0	5783
035/06W-13801 S	754.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	27.5 27.1 26.2 26.4 25.7 25.6 25.8 25.6 23.7 32.5 32.5 33.8	726.5 726.9 727.8 727.6 728.3 728.4 728.2 728.4 730.3 721.5 721.5 720.2	5208	015/04W-28R02 S	993.6	01/05/85	73.6	920.0	5713
035/06W-13802 S	755.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	25.2 24.9 24.2 24.2 23.8 23.7 23.9 23.6 23.7 30.6 30.6 32.8	729.8 730.1 730.8 730.8 731.2 731.3 731.1 731.4 729.3 724.4 724.4 722.2	5208	015/04W-29M01 S	932.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.4 23.7 23.9 20.1 20.8 21.9 22.2 22.2 23.9 23.9 25.3	908.6 908.3 908.1 911.9 911.2 910.1 909.8 909.8 908.1 908.1 906.7	5208
035/06W-13E05 S	716.9	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	10.8 10.6 13.5 13.3 9.4 9.5 9.8 13.1	706.1 706.3 703.4 703.6 707.5 707.4 707.1 701.8	5208	015/04W-29M02 S	937.1	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85	24.3 77.6 22.2 20.3 20.9	912.8 909.5 914.9 916.8 916.2	5208

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.8 Y-01.87	SANTA ANA HS SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA					Y Y-01 Y-01.8 Y-01.87	SANTA ANA HS SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA					
01S/04W-29H02 S	937.1	04/01/85 05/01/85 09/03/85	21.5 21.5 26.0	915.6 915.6 911.1	5208	01S/05W-25L02 S	940.0	11/31/84 12/01/84 01/32/85 02/31/85 04/31/85 05/01/85 05/16/85 06/01/85 07/02/85 08/01/85 09/01/85	80.4 77.4 80.4 68.4 68.4 74.4 79.0 77.4 78.4 77.4 87.4	859.6 862.6 859.6 871.6 871.6 865.6 861.0 862.6 861.6 862.6 852.6	3368	
01S/04W-29Q01 S		12/14/84	NM-4		5208							
01S/04W-29Q03 S	928.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	22.9 23.2 23.4 21.3 22.2 23.2 23.4 23.4 23.4 24.8 24.8 26.2	905.1 904.8 904.6 906.7 905.8 904.8 904.6 904.6 904.6 903.2 903.2 901.8	5208	01S/05W-25R04 S	880.0	10/01/84 11/01/84 12/03/84 12/17/84 01/02/85 02/31/85 03/01/85 04/01/85 05/01/85 05/16/85 06/03/85 07/01/85 08/01/85 09/03/85	19.8 20.1 17.7 15.2 19.8 19.4 19.5 16.8 16.4 13.8 15.7 16.1 16.1 19.3	860.2 859.9 862.3 864.8 860.2 860.6 860.5 863.2 863.6 864.2 864.3 863.9 863.9 860.7	5208	
01S/04W-29Q04 S	924.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	21.1 21.4 21.5 20.6 21.1 21.7 21.9 21.9 21.7 24.2 24.2 25.4	903.4 903.1 903.0 903.9 903.4 902.8 902.6 902.6 902.8 900.3 900.3 899.1	5208	01S/05W-33A01 S	1004.0	01/02/85 05/17/85	167.0 167.8	839.0 838.2	2980	
01S/04W-29R01 S	931.0	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	23.0 23.4 22.3 23.2 23.8 23.2	908.0 907.6 908.7 907.8 907.2 907.8	5208	01S/05W-33F01 S	1029.0	01/02/85 05/17/85	90.1 92.0	938.9 937.0	2980	
01S/04W-30Q06 S	985.9	11/07/84 05/07/85	113.0 112.0	872.9 873.9	2980	01S/05W-33L01 S	1016.0	05/17/85	80.3	935.7	2980	
01S/04W-30P01 S	895.0	12/17/84 05/16/85	11.3 11.6	883.7 883.4	2980	01S/05W-34802 S	985.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/23/85 06/03/85 07/01/85 08/01/85 09/03/85	160.0 161.0 160.2 160.0 159.2 159.0 188.7 158.5 156.0 159.1 160.0 159.7 160.0	825.0 824.0 824.8 825.0 825.8 826.0 826.3 826.5 829.0 825.9 825.0 825.3 825.0	4124	
01S/04W-32801 S	917.0	12/20/84 05/16/85	21.3 20.2	895.7 896.8	2980	01S/05W-34J01 S	946.1	12/17/84 05/17/85	110.5 112.1	835.6 834.0	2980	
01S/04W-32802 S	922.0	12/17/84 05/16/85	21.1 21.6	900.9 900.4	2980	01S/05W-34L02 S	958.7	12/17/84 05/16/85	121.8 123.1	836.9 835.6	2980	
01S/04W-32E07 S		12/17/84 05/16/85	NM-3 NM-3		2980	01S/05W-35001 S	967.0	12/17/84 05/20/85	121.1 121.9	845.9 845.1	2980	
01S/04W-32E11 S	906.0	12/17/84 05/16/85	15.5 16.5	890.5 889.5	2980	01S/05W-35G02 S	920.0	12/17/84 05/16/85	74.5 75.5	845.5 844.5	2980	
01S/04W-32G04 S	917.8	12/17/84 05/16/85	26.0 26.4	891.8 891.4	2980	01S/05W-36C11 S	884.0	12/17/84 05/16/85	33.2 NM-1	852.8	2980	
01S/04W-32M01 S	923.7	10/09/84 11/06/84 12/03/84 12/17/84 02/13/85 03/12/85 04/09/85 05/16/85 07/10/85 08/22/85	39.7 26.8 37.0 37.9 34.0 38.0 39.0 NM-1 45.0(1) 43.0	884.0 894.9 886.7 885.8 889.7 885.7 884.7 2980 876.7 880.7	5783	01S/05W-36L01 S		12/27/84	NM-4		5208	
01S/04W-32Q02 S	1011.3	12/17/84 05/16/85	132.6 132.0	878.7 879.3	2980	02S/04W-05C01 S	976.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/15/85 07/22/85	119.9(1) 120.7(1) 120.9(1) 120.2(1) 119.0(1) 118.6(1) 117.8(1) 118.0(1) 118.4(1) 118.0(1) 117.9(1) 118.9(1) 101.9 105.9 100.2 99.8 99.2 99.1 98.8 98.5 98.0 98.9 114.5(1) 116.1(1) 114.8(1) 115.8(1) 118.6(1) 116.8(1) 116.3(1) 116.8(1) 116.4(1) 116.8(1) 116.7(1) 117.8(1) 119.2(1) 118.9(1) 119.3(1) 119.2(1) 119.3(1) 119.3(1) 119.4(1)	856.1 855.3 855.1 855.8 857.0 857.4 858.2 858.0 857.6 858.0 858.2 857.1 874.1 870.1 875.8 876.2 876.8 876.9 877.2 877.5 878.0 877.1 861.5 859.9 861.2 860.2 857.2 859.2 859.7 859.2 859.6 859.2 859.3 858.2 872.7 858.7 856.8 857.1 856.7 856.5	3847	
01S/04W-33803 S	974.0	12/17/84 05/16/85	61.5 60.8	912.5 913.2	2980							
01S/05W-23C01 S	1098.5	12/20/84	234.0	864.5	5208							
01S/05W-23F01 S		12/20/84	NM-7		5208							
01S/05W-23Q01 S	1020.1	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	158.5 157.4 156.9 155.8 155.5 155.5 155.4 156.3 167.2(1) 174.2(1) 174.2 171.9(1)	861.6 862.7 863.2 864.3 864.6 864.6 864.7 863.8 852.9 845.9 845.9 848.2	4124							
01S/05W-24E01 S	1070.0	01/03/85 05/16/85	196.7 196.5	873.3 873.5	2980							
01S/05W-24M01 S	1060.0	05/23/85 08/01/85 09/03/85	156.0 174.0 175.0	904.0 886.0 885.0	4124							
01S/05W-25A02 S	1009.0	01/03/85 05/07/85	132.2 135.1	876.8 873.9	2980							
01S/05W-25A03 S	997.0	05/07/85	116.7	880.3	2980							
01S/05W-25802 S	998.9	05/16/85	124.1	874.8	2980							
01S/05W-25L02 S	940.0	10/01/84	66.4	873.4	3368							

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.8 Y-01.87	SANTA ANA HR SANTA ANA RIVER MU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA					Y Y-01 Y-01.8 Y-01.87	SANTA ANA HR SANTA ANA RIVER MU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA					
025/04W-05C01 S	976.0	07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	118.3(1) 120.8(1) 120.3(1) 120.8(1) 120.8(1) 122.8(1) 123.8(1) 121.8(1) 122.9(1)	857.7 855.2 855.7 855.2 855.2 853.2 852.2 854.2 853.1	3847	025/05W-02F01 S	955.2	06/07/85 06/14/85 06/21/85 06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	121.5 135.5 132.8 130.8 122.5 134.2 121.7 123.3 120.4 130.0	833.7 819.7 822.4 824.4 832.7 821.0 833.5 831.9 834.8 825.2	5713	
025/04W-05F01 S	983.5	12/17/84 05/16/85	113.1 112.0	870.4 871.5	2980	025/05W-02L01 S	896.2	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	76.0 75.3 73.5 75.2 73.7 74.3 75.4	820.2 820.9 822.7 821.0 822.5 821.9 820.8	5713	
025/04W-05H01 S	946.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	78.8(1) 79.1(1) 88.0(1) 79.0 86.0(1) 86.0(1) 95.0(1) 91.0(1)	867.2 866.9 858.0 867.0 860.0 858.0 851.0 855.0	5783	025/05W-02L02 S	909.0	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	86.0 86.3 85.0 85.5 84.9 84.9 85.7	823.0 822.7 824.0 823.5 824.1 824.1 823.3	5713	
025/04W-06K02 S	920.4	12/17/84 05/16/85	DRY 81.5	869.9	2980	025/05W-02M05 S	894.1	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	76.3 76.0 75.5 74.5 74.1 72.8 73.4	817.8 816.1 818.6 819.6 820.0 821.3 820.7	5713	
025/04W-06R03 S	947.8	12/17/84 05/16/85	82.8 81.4	865.0 866.4	2980	025/05W-02M07 S	826.0	10/01/84 12/27/84	17.4 NM-4	808.6	5208	
025/04W-06R06 S	943.9	12/17/84 05/16/85	79.1 77.6	864.8 866.3	2980	025/05W-03A01 S	953.4	12/17/84 05/17/85	121.6 118.1	831.8 835.3	2980	
025/04W-07L01 S	883.1	01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	62.5 62.3 56.9 55.9 55.9	820.6 820.8 826.2 827.2 827.2	5208	025/05W-03G02 S	904.4	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	84.0 76.8 81.6 83.9 75.3 75.2 79.2	820.4 827.6 822.8 820.5 829.1 829.2 825.2	5713	
025/04W-07M03 S	875.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	66.3 65.5 66.2 65.8 58.5 57.8 57.8 64.1 63.6 63.6 63.0	805.7 809.5 808.8 808.2 816.5 817.2 817.2 810.9 811.4 811.4 812.0	5208	025/05W-08G01 S	903.0	01/02/85 05/17/85	142.1 NM-1	760.9	2980	
025/04W-08B04 S	964.7	12/21/84	101.2	863.5	5208	025/05W-08G04 S	903.7	01/02/85 05/17/85	142.9 NM-1	760.8	2980	
025/04W-08E01 S	987.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	113.0 115.3 111.5 111.5 111.2 121.8 123.7 125.3 113.1 127.8 127.8 142.8	874.0 871.7 875.5 875.5 875.8 865.2 863.3 861.7 873.9 859.2 859.2 844.2	5208	025/05W-08K02 S		01/02/85	NM-6		2980	
025/04W-08M01 S	1000.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	120.0(1) 110.0(1) 150.0(1) 141.0 149.0(1) 143.0 143.0(1) 146.0	880.0 890.0 850.0 859.0 851.0 857.0 857.0 854.0	5783	025/05W-10G07 S	842.0	01/02/85 05/15/85	47.8 47.6	794.2 794.4	2980	
025/04W-08M02 S	983.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	119.0(1) 109.0(1) 126.0 124.0 128.0(1) 130.0(1) 132.0(1) 128.0	864.0 874.0 857.0 859.0 855.0 853.0 851.0 855.0	5783	025/05W-10L05 S	867.7	01/02/85 05/15/85	78.6 77.4	789.1 790.3	2980	
025/04W-18E01 S	907.9	12/20/84 05/13/85	84.6 82.9	823.3 825.0	2980	025/05W-10P01 S	857.5	01/03/85 05/20/85	74.4 74.9	783.1 782.6	2980	
025/04W-19A01 S	994.0	12/20/84 05/13/85	169.8 168.9	824.2 825.1	2980	025/05W-11K02 S	817.0	01/02/85 05/14/85	9.2 10.3	807.8 806.7	2980	
025/04W-19E01 S	938.5	12/20/84 05/13/85	120.6 118.7	817.9 819.8	2980	025/05W-12A03 S	834.0	10/31/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 09/03/85	41.0 12.0 12.0 12.5 8.1 12.5 11.9 34.9	794.0 823.0 823.0 822.5 826.9 822.5 823.1 800.1	5208	
025/04W-19J02 S		05/13/85	NM-6		2980	025/05W-12B01 S	833.8	11/01/84 12/27/84 06/03/85	23.7 NM-4 17.6	810.1 816.2	5208	
025/04W-19M02 S		12/20/84	NM-6		2980	025/05W-12K02 S	836.2	10/01/84 12/03/84 01/02/85 03/01/85	26.0 13.0 13.0 .8	810.2 823.2 823.2 835.4	5208	
025/04W-29M01 S	1050.0	12/20/84 05/13/85	59.3 64.5	990.7 985.5	2980	025/05W-12P01 S	823.2	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	21.2 27.5 21.9 10.9 10.6 10.9 10.2 10.1	802.0 795.7 801.3 812.3 812.6 812.3 813.0 813.1	5208	
025/05W-01G01 S	854.6	12/17/84	20.0	834.6	5208	025/05W-12P02 S	818.0	12/21/84	9.5	808.5	5208	
025/05W-01G02 S	844.0	12/17/84	20.0	824.0	5208	025/05W-13G02 S	880.0	11/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/31/85 09/03/85	86.5 86.2 85.8 85.5 83.1 83.5 84.2 83.2 83.2 83.8	793.5 793.8 794.2 794.5 796.7 796.5 795.8 796.8 796.8 796.2	5208	
025/05W-01J03 S	845.0	12/17/84	15.5	829.5	5208							
025/05W-02F01 S	955.2	01/02/85 04/29/85 05/17/85 05/24/85 05/31/85	232.2 123.0 143.0 142.0 127.0	723.0 832.2 812.2 813.2 826.2	5713							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA					Y Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA				
025/05W-14E01 S	770.0	12/17/84	8.0	762.0	5208	025/05W-26E02 S	820.0	02/26/85	66.3(1)	753.7	3847
025/05W-14E02 S	785.0	12/17/84	9.0	776.0	5208			03/05/85	44.1	773.9	
025/05W-19M01 S	775.1	01/03/85	12.2	762.9	2080			03/12/85	43.9	776.5	
		05/20/85	14.1	761.0				03/19/85	42.7	777.3	
025/05W-16E04 S	774.1	01/03/85	11.4	762.7	2980			03/26/85	66.9(1)	753.5	
		05/20/85	12.7	761.4				04/02/85	44.5	773.5	
025/05W-16R01 S	767.5	01/02/85	8.1	759.4	2980			04/09/85	44.9	773.5	
		05/14/85	9.3	759.2				04/16/85	42.9	777.1	
025/05W-17A02 S	823.0	01/02/85	69.3	759.7	2980			04/23/85	43.5	776.5	
		05/17/85	69.3	755.7				04/30/85	43.2	776.8	
025/05W-17K01 S	809.0	01/02/85	56.2	752.8	2980			05/07/85	42.3	777.7	
		05/19/85	58.4	750.6				05/14/85	42.3	777.7	
025/05W-17L01 S	853.0	01/02/85	45.8	807.2	2980			05/21/85	42.5	777.5	
		05/19/85	47.4	805.6				06/05/85	42.8	777.2	
025/05W-17R01 S	770.0	01/03/85	12.8	757.2	2980			06/13/85	67.5(1)	742.5	
		05/20/85	16.8	753.2		025/05W-26F01 S	810.0	06/20/85	67.2(1)	752.8	
025/05W-20J02 S	740.0	01/03/85	3.4	736.6	2980			06/27/85	47.9	772.5	
		05/20/85	5.7	734.3				07/04/85	68.5(1)	751.5	
025/05W-20J03 S	735.7	01/02/85	2.2	733.5	2980			07/11/85	69.4(1)	750.5	
		05/17/85	3.6	732.1				07/18/85	66.9(1)	753.5	
025/05W-20K01 S	767.0	01/02/85	32.0	735.0	2980			07/25/85	69.9(1)	750.5	
		05/17/85	32.9	734.5				08/01/85	69.9(1)	750.5	
025/05W-20K03 S	768.3	01/02/85	34.0	734.3	2980			08/08/85	45.9	774.5	
		05/17/85	34.3	734.0				08/15/85	45.9	774.5	
025/05W-21E01 S	747.3	01/02/85	5.4	741.9	2980			08/22/85	45.9	774.5	
		05/19/85	7.1	740.2				08/29/85	45.9	774.5	
025/05W-22O01 S	763.8	01/02/85	4.4	759.4	2980			09/05/85	45.9	774.5	
		05/17/85	5.6	758.2				09/12/85	45.9	774.5	
025/05W-22R01 S	793.6	12/20/84	23.7	769.9	2980			09/19/85	45.9	774.5	
		05/13/85	19.7	773.9				09/26/85	45.9	774.5	
025/05W-22R02 S	795.0	12/20/84	24.7	770.3	2980			10/03/85	45.9	774.5	
		05/13/85	20.4	774.6				10/10/85	45.9	774.5	
025/05W-23F01 S	843.8	12/20/84	66.7	777.1	2980			10/17/85	45.9	774.5	
		05/14/85	62.8	781.0				10/24/85	45.9	774.5	
025/05W-23J01 S	869.4	10/01/84	44.0	825.4	5208			10/31/85	45.9	774.5	
		11/01/84	95.0	774.4				11/07/85	45.9	774.5	
		12/03/84	97.8	771.6				11/14/85	45.9	774.5	
		01/02/85	101.3	768.1				11/21/85	45.9	774.5	
		02/01/85	88.0	781.4				11/28/85	45.9	774.5	
		03/01/85	84.7	784.7				12/05/85	45.9	774.7	
		04/01/85	86.7	782.7				12/12/85	45.9	774.7	
		05/01/85	87.1	782.3				12/19/85	45.9	774.7	
		06/03/85	86.0	783.4				01/02/86	45.9	774.7	
		07/01/85	86.2	773.2				01/09/86	45.9	774.7	
		08/01/85	86.2	773.2				01/16/86	45.9	774.7	
		09/03/85	86.5	770.9				01/23/86	45.9	774.7	
025/05W-23Q01 S	854.9	10/01/84	71.6	783.3	5208			01/30/86	45.9	774.7	
		12/28/84	74.9	780.0				02/06/86	45.9	774.7	
025/05W-23Q03 S	860.0	10/01/84	81.0	779.0	5208			02/13/86	45.9	774.7	
		12/28/84	87.0	773.0				02/20/86	45.9	774.7	
025/05W-23R01 S	864.2	09/04/85	95.7	768.5	5208			02/26/86	45.9	774.7	
025/05W-24O01 S	873.7	01/02/85	88.6	789.1	5208	025/05W-26M01 S	820.0	10/02/84	54.0(1)	766.0	3847
		02/01/85	88.0	789.7				10/09/84	53.5(1)	766.5	
		03/01/85	85.6	788.1				10/16/84	54.4(1)	769.6	
		04/01/85	87.1	786.6				10/23/84	54.8(1)	769.2	
		05/01/85	87.5	786.2				10/30/84	56.2(1)	763.8	
		06/03/85	88.2	789.5				11/06/84	45.1	774.9	
		07/01/85	87.2	786.5				11/13/84	42.5	777.5	
		08/01/85	87.2	786.5				11/20/84	56.7(1)	763.3	
		09/03/85	87.5	786.2				11/27/84	56.9(1)	763.1	
025/05W-25A01 S	948.4	12/20/84	157.4	791.0	2980			12/04/84	56.6(1)	763.4	
		05/13/85	155.2	793.2				12/11/84	43.0	777.0	
025/05W-25F01 S	908.0	12/17/84	131.1	776.9	5208			12/18/84	40.3	779.7	
025/05W-26E02 S	820.0	10/02/84	68.2(1)	751.8	3847			12/24/84	40.4	779.4	
		10/09/84	72.4(1)	747.6				01/02/85	40.3	779.7	
		10/16/84	71.5(1)	748.5				01/09/85	39.2	780.8	
		10/23/84	71.7(1)	748.3				01/16/85	38.7	781.3	
		10/30/84	73.1(1)	746.9				01/23/85	38.3	781.7	
		11/06/84	71.9(1)	748.5				01/30/85	37.9	782.1	
		11/13/84	49.4	770.6				02/06/85	37.6	782.4	
		11/20/84	72.7(1)	747.3				02/13/85	37.2	782.8	
		11/27/84	73.9(1)	746.2				02/20/85	37.0	783.0	
		12/04/84	73.7(1)	746.3				02/26/85	37.4	782.6	
		12/11/84	70.4(1)	749.6				03/05/85	37.4	782.6	
		12/18/84	47.5	772.5				03/12/85	36.7	783.3	
		12/24/84	45.9	774.1				03/19/85	36.7	783.3	
		01/02/85	45.5	774.5				03/26/85	36.7	783.3	
		01/08/85	45.1	774.9				04/02/85	36.3	781.7	
		01/15/85	44.5	775.5				04/09/85	36.3	781.7	
		01/22/85	44.1	775.9				04/16/85	37.0	783.0	
		01/29/85	43.9	776.1				04/23/85	37.2	782.8	
		02/05/85	43.5	776.5				04/30/85	37.2	782.8	
		02/12/85	43.1	776.9				05/07/85	36.4	783.6	
		02/19/85	42.9	777.1				05/14/85	36.4	783.6	
								05/21/85	37.3	782.7	
								05/28/85	40.3(1)	770.7	
								07/02/85	50.8(1)	769.4	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.B Y-01.B7	SANTA ANA RIVER SANTA ANA RIVER HU MOOLE SANTA ANA RIVER HA RIVERSIDE HSA					Y Y-01 Y-01.C Y-01.C1	SANTA ANA RIVER SANTA ANA RIVER HU LAKE MATHEWS HA COLDWATER HSA				
025/05W-28M01 S	820.0	07/09/85	38.4	781.6	3847	055/06W-03K01 S	1122.0	12/17/84	114.0	1008.0	5272
		07/16/85	39.5	780.5				01/18/85	112.0	1010.0	
		07/24/85	38.6	781.4				02/07/85	102.0	1020.0	
		07/31/85	52.3(1)	767.7				03/06/85	114.0	1008.0	
		08/07/85	52.3(1)	767.7				04/09/85	111.0	1011.0	
		08/13/85	51.5(1)	768.5				05/14/85	121.0	1001.0	
		08/20/85	52.3(1)	767.7				06/15/85	114.0	1008.0	
		08/27/85	53.4(1)	766.6				07/23/85	132.0	990.0	
		09/03/85	54.3(1)	765.7				08/11/85	134.0	984.0	
		09/10/85	42.3(1)	777.7				09/09/85	148.0	974.0	
		09/17/85	54.2(1)	765.8							
		09/24/85	40.3	779.7		055/06W-03001 S	1285.0	11/14/84	135.0(1)	1150.0	5272
025/05W-28A01 S	762.8	12/28/84	9.9	752.9	5208			12/17/84	128.0	1157.0	
025/05W-29E02 S	717.3	01/03/85	4.2	713.1	2980			01/18/85	132.0	1153.0	
		05/17/85	6.2	711.1				02/07/85	128.0	1157.0	
025/05W-29E06 S	758.3	01/03/85	24.9	713.4	2980			03/06/85	108.0	1179.0	
		05/17/85	24.9	713.4				04/09/85	134.0	1151.0	
025/05W-32A01 S		12/20/84	NM-6		2980			05/14/85	134.0	1151.0	
025/05W-32B01 S	780.1	12/20/84	46.7	733.4	2980	055/06W-11F02 S	1225.0	10/06/84	190.0	1039.0	5717
		03/13/85	46.8	733.3				11/05/84	221.5(1)	1003.5	
035/05W-03F01 S	880.0	10/01/84	111.5	768.5	5208			12/05/84	197.3	1027.7	
		11/01/84	111.9	768.1				01/06/85	194.3	1030.7	
		12/03/84	112.2	767.8				02/06/85	204.5(14)	1020.5	
		12/28/84	111.5	768.5				03/05/85	192.0	1033.0	
		01/02/85	111.5	768.5				04/07/85	222.5(1)	1002.5	
		02/01/85	112.5	767.5				05/05/85	223.3(1)	1001.7	
		03/01/85	112.3	767.7				06/06/85	236.3(1)	988.7	
		04/01/85	112.2	767.8				07/07/85	228.7(1)	996.3	
		05/01/85	112.6	767.4		Y-01.C2	8E0F0R0 HSA	08/05/85	229.8(1)	995.2	
		06/03/85	112.2	767.8							
		07/01/85	112.1	767.9		045/06W-16B01 S	840.0	10/06/84	17.3	822.7	5717
		08/01/85	112.1	767.9				11/05/84	18.3	821.7	
		09/03/85	112.3	767.7				12/05/84	12.3	827.7	
Y-01.C Y-01.C1	LAKE MATHEWS HA COLDWATER HSA							01/06/85	10.0	830.0	
055/06W-02P01 S	1110.3	10/06/84	78.1	1032.2	5717			02/06/85	9.4	830.2	
		11/05/84	77.3	1033.0				03/05/85	10.3	829.7	
		12/05/84	79.6	1030.7				03/07/85	9.3	830.7	
		01/06/85	78.3	1032.0				05/05/85	12.0	828.0	
		02/06/85	82.3	1028.0				07/07/85	17.5	822.5	
		03/05/85	82.3	1028.0				08/05/85	17.8	822.2	
		04/07/85	83.8(1)	1026.5		045/06W-16C01 S	781.0	09/08/85	24.3	815.7	
		05/05/85	81.3	1029.0				10/07/84	38.5(1)	742.5	*272
		06/06/85	82.8	1027.5				11/14/84	39.0(1)	742.0	
		07/07/85	102.3(1)	1008.0				12/17/84	26.0	755.0	
		09/08/85	87.6	1022.5				01/18/85	25.0	756.0	
055/06W-03G01 S	1100.0	10/06/84	42.5	1057.5	5717			02/07/85	34.0	747.0	
		11/05/84	45.0	1035.0				03/06/85	36.0	745.0	
		12/05/84	32.8	1067.2				04/09/85	35.0	746.0	
		01/06/85	34.0	1066.0				05/14/85	20.0	761.0	
		02/06/85	34.5	1065.5				06/15/85	24.0	757.0	
		03/05/85	34.3	1065.7				07/23/85	48.0	733.0	
		04/07/85	39.5	1060.5				08/11/85	53.0	728.0	
		05/05/85	35.0	1065.0		045/06W-16C02 S	790.0	09/09/85	54.0	727.0	
		06/06/85	37.0	1063.0				10/06/84	39.8(1)	750.2	5717
		07/07/85	43.0	1057.0				11/05/84	42.2(1)	747.6	
		08/05/85	46.3	1053.7				12/05/84	15.7	774.2	
		09/08/85	61.0	1039.0				01/06/85	13.0	777.0	
055/06W-03G05 S	1101.0	10/06/84	69.0	1032.0	5717			02/06/85	12.8	777.2	
		11/05/84	69.7(1)	1011.3				03/05/85	29.3(1)	760.7	
		12/05/84	75.0	1026.0				03/07/85	12.5	777.5	
		01/06/85	70.0	1031.0				04/07/85	12.5	777.5	
		02/06/85	67.8	1033.2				05/05/85	15.0	775.0	
		03/05/85	77.5(1)	1023.5				07/07/85	38.0(1)	752.0	
		04/07/85	72.0	1029.0				08/05/85	38.5(1)	751.5	
		05/05/85	78.0	1023.0		045/06W-16F01 S	800.0	09/08/85	23.0	767.0	
		06/06/85	94.0(1)	1007.0				10/06/84	18.3(1)	781.7	5717
		07/07/85	91.3	1009.7				11/05/84	19.0	781.0	
		08/05/85	98.3	1002.7				12/05/84	10.5	789.5	
		09/08/85	105.0	996.0				01/06/85	8.0	792.0	
055/06W-03J01 S	1110.0	10/06/84	76.3	1033.7	5717			02/06/85	8.0	792.0	
		11/05/84	89.0(1)	1021.0				03/05/85	8.3	791.7	
		12/05/84	80.3	1029.7				03/07/85	7.4	792.0	
		01/06/85	76.5	1033.7				05/05/85	10.0	790.0	
		02/06/85	74.8	1035.2				07/07/85	16.8(1)	783.2	
		03/05/85	77.0	1033.0				08/05/85	16.8(1)	783.2	
		04/07/85	79.5	1030.5		045/06W-22P01 S	896.0	09/08/85	23.0(1)	777.0	
		05/05/85	85.8	1024.2				10/01/84	26.0	870.0	4701
		06/06/85	101.5(1)	1008.5				11/01/84	27.0(1)	869.0	
		07/07/85	98.0	1012.0				12/03/84	26.0	870.0	
		08/09/85	105.8	1004.2				01/02/85	24.0	872.0	
		09/08/85	112.3	997.7				02/11/85	25.0	871.0	
055/06W-03J04 S	1115.0	10/07/84	95.0(1)	1020.0	5272			03/01/85	25.0	871.0	
		11/14/84	99.0	1016.0				04/01/85	25.0(1)	871.0	
		12/17/84	198.0	917.0				06/03/85	28.0	866.0	
		01/18/85	93.0	1022.0				07/01/85	28.0	868.0	
		02/07/85	93.0	1022.0				08/01/85	30.2(1)	866.0	
		03/06/85	92.0	1023.0		045/06W-22P03 S	896.0	09/03/85	31.0(1)	865.0	
		04/09/85	99.0	1016.0				10/01/84	24.0	872.0	4701
		05/14/85	115.0	1000.0				11/01/84	24.0(1)	872.0	
		06/15/85	96.0	1019.0				12/03/84	25.0	871.0	
		07/23/85	119.0	996.0				01/02/85	23.0	873.0	
		08/11/85	127.0	984.0				02/01/85	24.0	872.0	
		09/09/85	136.0	979.0				03/01/85	24.0	872.0	
055/06W-03M01 S	1122.0	10/07/84	117.0	1005.0	5272			04/01/85	24.0(1)	872.0	
		11/14/84	119.0(1)	1003.0				06/03/85	26.0	870.0	
								07/01/85	28.0	868.0	
								08/01/85	30.0(1)	866.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.C Y-01.C2	SANTA ANA HB SANTA ANA RIVER HU LAKE MATHEWS HA BEDFORD HSA					Y Y-01 Y-01.C Y-01.C2	SANTA ANA HB SANTA ANA RIVER HU LAKE MATHEWS HA BEDFORD HSA					
04S/06W-22P03 S	896.0	09/03/85	30.0(1)	866.0	4701	04S/06W-39G02 S	956.0	08/05/85 09/08/85	15.5 18.0	940.5 938.0	5717	
04S/06W-22P04 S	880.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	26.0 27.0(1) 29.0 24.0 25.0 24.0 24.0(1) 28.0 30.0 29.0(1) 29.0(1)	854.0 853.0 855.0 856.0 855.0 856.0 856.0 852.0 850.0 851.0 851.0	4701	Y-01.C4 LEE LAKE HSA						
						05S/05W-07C01 S	1095.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	31.5(1) 31.5(1) 8.3 7.8 7.5 27.0(1) 7.8 27.5(1) 26.0(1) 25.5(1) 26.5(1) 26.3(1)	1063.5 1063.5 1086.7 1087.2 1087.5 1068.0 1087.2 1067.5 1069.0 1069.5 1068.5 1068.7	5717	
04S/06W-27C01 S	912.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	52.0 53.0 51.0 49.0 42.0 48.0 48.0 48.0 50.0 54.0 54.0	860.0 859.0 861.0 863.0 870.0 864.0 864.0 864.0 862.0 858.0 858.0	4701	05S/05W-07E01 S	1095.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	93.3 93.3 92.0 91.3 91.5 92.0 91.3 92.0 92.0 95.7 92.8 92.3	1002.7 1002.7 1004.0 1004.7 1004.5 1004.0 1004.7 1004.0 1004.0 1000.3 1003.2 1003.7	5717	
04S/06W-27C02 S	920.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	64.0(1) 65.0(1) 59.0 57.0 56.0 57.0 57.0(1) 60.0(1) 67.0(1) 64.0(1) 66.0	856.0 855.0 861.0 863.0 864.0 863.0 863.0 860.0 853.0 856.0 854.0	4701	05S/05W-08N01 S	1175.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	40.3 39.0(1) 34.0 29.3 27.5 24.8 24.5 44.0(1) 53.0(1) 66.0(1) 74.3(1) 69.8(1)	1134.7 1116.0 1141.0 1145.7 1147.5 1150.2 1150.5 1131.0 1122.0 1109.0 1100.7 1105.2	5717	
04S/06W-27C03 S	908.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	46.0 45.0 43.0 40.0 40.0 39.0 39.0 40.0 42.0 46.0 46.0	862.0 863.0 865.0 868.0 868.0 869.0 869.0 868.0 866.0 862.0 862.0	4701	05S/05W-08M02 S	1146.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	44.0(1) 44.5(1) 36.8 32.3 29.5 28.5 27.0 27.8 31.8 39.4(1) 44.0(1) 45.3(1)	1102.0 1101.5 1109.2 1113.7 1116.5 1117.5 1119.0 1116.2 1114.2 1105.6 1102.0 1100.7	5717	
04S/06W-27C04 S	900.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	44.0 46.0(1) 36.0 39.0 39.0 39.0 39.0(1) 39.0 47.0 47.0(1) 48.0(1)	856.0 854.0 864.0 861.0 861.0 861.0 861.0 861.0 853.0 853.0 852.0	4701	05S/05W-08P01 S	1190.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	54.5(1) 66.0(1) 42.5 38.0 36.0 33.5 34.0 36.3 41.3 63.5(1) 66.5(1) 54.5	1129.5 1124.0 1147.5 1152.0 1154.0 1156.5 1156.0 1153.7 1148.7 1126.5 1123.5 1135.5	5717	
04S/06W-33A01 S	1176.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	73.0(1) 75.0 70.0 78.0(1) 72.0 71.0(1) 72.0 70.0(1) 82.0(1) 85.0 77.0	1103.0 1101.0 1106.0 1098.0 1104.0 1105.0 1104.0 1106.0 1094.0 1091.0 1099.0	4701	05S/05W-08P02 S	1162.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	39.5 34.0(1) 35.5 27.8 25.3 31.0 23.3 29.0 48.5(1) 54.8(1) 60.8(1) 45.8(1)	1122.5 1108.0 1116.2 1134.2 1136.7 1131.0 1134.7 1133.0 1113.5 1107.2 1101.2 1116.2	5717	
04S/06W-33B01 S	1160.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	298.0 186.0 165.0 160.0 165.0 142.0 144.0 136.0 156.0 82.0(1) 240.0(1)	862.0 974.0 995.0 1000.0 995.0 1018.0 1016.0 1024.0 1004.0 1078.0 920.0	4701	05S/05W-08P03 S	1160.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	64.0(1) 54.5(1) 51.0 45.5 50.5 49.0 42.0 44.8(1) 61.8(1) 67.0(1) 77.5(1) 69.0(1)	1096.0 1105.5 1109.0 1114.5 1109.5 1111.0 1118.0 1109.2 1099.2 1093.0 1082.5 1091.0	5717	
04S/06W-39G01 S	956.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	12.5 13.7 14.5 11.0 10.0 9.3 9.3 10.3 11.3 13.8 15.3 18.0	943.5 942.3 941.5 945.0 946.0 946.7 946.7 945.5 944.9 942.2 940.7 938.0	5717	Y-01.0 COLTON-RIALTO HA Y-01.02 LOWER LYTLF HSA						
04S/06W-39G02 S	956.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85	13.0 14.5 14.3 11.5 10.3 9.5 9.5 10.3 11.5 14.5	943.0 941.5 941.7 944.5 945.7 946.5 946.5 945.7 944.5 941.5	5717	01N/05W-06G01 S	2242.5	11/24/84 04/30/85 07/30/85 08/15/85 09/03/85	73.1 71.2 93.9(1) 88.3(1) 87.0(1)	2169.4 2171.3 2148.6 2154.2 2155.5	4706	
						01N/05W-06K02 S		11/29/84 09/15/85	NM-7 NM-7		4706	
						01N/05W-07H01 S	2065.5	11/29/84	100.5	1965.0	4706	



TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01 Y-01.0 Y-01.02	SANTA ANA HB SANTA ANA RIVER HU COLTON-RIALTO HA LOWER LYTLE H5A					Y-01 Y-01.0 Y-01.04	SANTA ANA HB SANTA ANA RIVER HU COLTON-RIALTO HA COLTON H5A				
01N/05W-07M01 S	2065.5	04/30/85 07/30/85 08/15/85 09/03/85	87.2 110.0 104.5 114.0(1)	1976.3 1955.5 1961.0 1951.5	4706	01N/05W-28J01 S	1514.2	12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/23/85 06/03/85 07/01/85	411.0 417.0 415.0 402.0 406.0 401.0 396.0 395.0 405.0	1103.2 1097.2 1099.2 1112.2 1108.2 1113.2 1118.2 1119.2 1109.2	4124
01N/05W-16K01 S	1720.0	11/29/84 04/10/85 08/19/85	240.6 241.9 NM-7	1479.4 1478.1	4706						
01N/05W-22C02 S	1591.5	11/29/84 04/01/85 07/19/85 07/30/85 08/15/85 09/03/85	140.7 140.4 190.7(1) 192.7(1) 199.7(1) 204.2(1)	1430.8 1451.1 1400.8 1398.8 1391.8 1387.3	4706	01N/05W-34802 S	1490.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 04/01/85 03/01/85 06/31/85 07/02/85 08/01/85 09/01/85	416.0(1) 417.0(1) 396.0 391.0 391.0 384.0 403.0(1) 384.0 405.0(1) 389.0 393.0	1074.0 1073.0 1094.0 1099.0 1099.0 1106.0 1087.0 1106.0 1085.0 1101.0 1097.0	3368
01N/05W-22F01 S	1596.5	11/29/84 04/17/85 07/30/85 08/15/85 09/03/85	147.5 146.7 223.3(1) 215.5(1) 222.4(1)	1449.0 1449.8 1373.2 1381.0 1374.1	4706						
01N/05W-22F02 S	1983.0	11/01/84 04/01/85 07/19/85 07/30/85 08/15/85 09/03/85	131.5 131.5 182.3(1) 187.8(1) 186.6(1) 203.8(1)	1451.5 1451.5 1400.7 1395.2 1396.4 1379.2	4706	01S/04W-07C01 S	1199.6	10/17/84 11/19/84 12/24/84 01/30/85 02/28/85 04/22/85	151.2 166.3 161.7 177.1 167.3 167.4	1048.4 1033.3 1037.9 1022.5 1032.3 1032.2	3230
01N/05W-22F03 S	1577.7	11/29/84 04/01/85	130.0 121.3	1447.7 1456.4	4706	01S/04W-17M01 S	1068.5	12/17/84 05/16/85	153.2 151.6	915.3 916.9	2980
01N/05W-23P04 S	1470.0	10/01/84 11/01/84 12/03/84 05/01/85 06/03/85 06/20/85 07/01/85 08/01/85 09/03/85	30.5 63.5(1) 63.2(1) 40.0 41.3 115.0(1) 63.5 101.0(1) 105.0(1)	1439.5 1406.5 1406.8 1430.0 1428.7 1355.0 1406.5 1369.0 1365.0	4124	01S/04W-18F01 S	1099.4	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	174.0 173.0 172.0 173.0 174.0 173.0 174.0 173.0 169.0 154.0	925.4 926.4 927.4 926.4 925.4 926.4 925.4 926.4 930.4 945.4	4201
Y-01.03	RIALTO H5A										
01N/05W-17G01 S	1850.0	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/10/85 06/03/85 07/01/85 08/01/85 09/03/85	75.6 61.2 58.8 57.2 57.7 57.2 61.2 58.0 61.0 59.5 59.3 58.6	1774.4 1788.8 1791.2 1792.8 1792.3 1792.8 1788.8 1792.0 1789.0 1790.5 1790.7 1791.4	4124	01S/04W-18G01 S	1093.5	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	174.0 173.0 172.0 173.0 174.0 173.0 174.0 173.0 169.0 154.0	919.5 920.5 921.5 920.5 919.5 920.5 919.5 920.5 924.5 939.5	4201
01N/05W-17K01 S	1854.1	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/10/85 06/03/85 07/01/85 08/01/85 09/03/85	56.5 55.1 52.5 52.7 49.2 53.6 50.7 50.6 53.0 52.0 51.7 51.0 52.7	1797.6 1799.0 1801.6 1801.4 1804.9 1800.5 1803.4 1803.5 1801.1 1802.1 1802.4 1803.1 1801.4	4124	01S/04W-21J01 S	962.5	12/14/84	18.7	943.8	5208
						01S/04W-21J04 S	966.0	12/14/84	12.1	953.9	5208
						01S/04W-21J06 S	966.0	12/14/84	17.6	948.4	5208
						01S/04W-21K06 S	960.0	12/14/84	26.2	933.8	5208
						01S/04W-21K09 S	959.1	12/14/84	30.2	928.9	5208
						01S/04W-21K11 S	961.0	12/14/84	37.2	923.8	5208
						01S/04W-21L01 S		12/14/84	NM-4		5208
						01S/04W-21N01 S	963.0	12/05/84 03/09/85	62.0 84.7	901.0 878.3	5717
01N/05W-17K02 S	1852.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/10/85 06/03/85 07/01/85 08/01/85 09/03/85	66.1 82.3(1) 55.1 52.7 81.7(1) 52.7 61.5 51.2 55.7 81.5(1) 83.7(1) 80.8(1) 51.1(1) 81.8(1)	1786.5 1770.3 1797.5 1770.9 1799.9 1791.1 1801.4 1796.9 1771.1 1766.9 1771.8 1801.5 1770.8	4124	01S/04W-21D03 S	955.2	10/17/84 12/17/84 02/28/85 04/23/85 06/03/85 06/21/85 08/27/85 09/03/85	25.7 18.2 20.5 37.5 37.9 50.1 38.8 36.5	929.5 937.7 934.7 917.7 917.7 905.1 918.4 916.7	3230
						01S/04W-27L01 S	993.0	12/17/84 05/16/85	136.3 134.8	856.7 858.2	2980
						01S/04W-28A05 S		12/17/84	NM-6		2980
01S/04W-16P04 S	1014.5	12/14/84	99.2	916.3	5208	01S/04W-28C01 S	948.0	06/03/85 07/01/85 08/01/85 09/03/85	35.2 34.6 34.6 35.2	912.8 913.4 913.4 912.8	5208
01S/04W-17G01 S	1046.2	12/14/84	130.0	916.2	5208						
01S/04W-17R01 S	1013.3	12/14/84	96.0	917.3	5208	01S/04W-28D01 S	942.0	02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.4 22.4 22.4 22.4 22.5 23.7 23.7 25.1	911.6 919.6 919.6 919.6 919.3 918.3 918.3 916.9	5208
01S/05W-03N01 S	1302.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 04/01/85 05/01/85 06/01/85 07/02/85 08/01/85 09/01/85	280.0 274.0 274.0 269.0 269.0 264.0 265.0 239.0 259.0 259.0 265.0	1022.0 1028.0 1028.0 1033.0 1033.0 1038.0 1040.0 1043.0 1043.0 1043.0 1037.0	3368	01S/04W-28G01 S	954.6	12/17/84 05/16/85	34.0 32.2	920.6 922.4	2980
						01S/04W-28K01 S	947.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85	76.3(1) 33.5 32.0 28.0 37.0 35.0 35.0(1)	870.7 913.5 915.0 919.0 910.0 912.0 892.0	5753
Y-01.04	COLTON H5A										
01N/05W-28J01 S	1514.2	10/01/84 11/01/84	419.0 412.0	1095.2 1102.2	4124						

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.0 Y-01.04	SANTA ANA HB SANTA ANA RIVER HU COLTON-TRIAL70 HA COLTON HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER NA BUNKER HILL HSA				
01S/04W-28K01 S	947.0	08/22/83	35.0	912.0	3783	01N/03W-29M01 S	1345.2	02/04/85 03/14/85 04/03/85 05/08/85 06/16/85 07/12/85 08/16/85 09/22/85	236.5 237.8 237.4 239.9 240.8 241.2 239.7 240.2	1108.7 1107.4 1107.8 1109.3 1104.4 1104.0 1105.5 1105.0	5060
01S/05W-02C01 S	1343.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	309.0 308.0 304.3 304.0 298.8 298.3 296.2 295.3 296.2 285.0 296.0 294.2 292.8	1034.5 1035.5 1039.2 1039.9 1044.7 1045.2 1047.3 1048.2 1047.3 1058.5 1047.5 1049.3 1050.7	4124	01N/03W-29M02 S	1445.0	11/16/84 12/05/84 01/10/85 02/04/85 03/14/85 04/03/85 05/09/85 06/23/85 07/12/85 09/22/85	239.5 241.5 244.5 237.0 236.2 236.0 237.6 239.8 238.5 240.0	1205.5 1203.3 1200.5 1210.8 1209.0 1209.0 1207.4 1205.2 1206.9 1205.0	5060
01S/05W-02K01 S	1287.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	261.4 259.9 257.4 256.7 257.0 257.0 251.0 252.0 251.7 241.0 252.0 250.2 250.0	1025.6 1027.9 1029.6 1030.3 1030.0 1030.0 1036.0 1035.0 1035.3 1046.0 1039.0 1036.8 1037.0	4124	01N/03W-29M01 S	1291.0	11/16/84 12/05/84 01/09/85 02/04/85 03/14/85 04/03/85 05/09/85 06/14/85 07/12/85 08/14/85	197.0 196.0 186.5 191.9 192.0 192.1 195.0 193.0 192.0 191.0	1094.0 1099.0 1104.5 1099.5 1099.0 1098.9 1096.0 1098.0 1099.0 1100.0	5060
01S/05W-04001 S	1389.0	11/29/84 04/30/85 07/30/85 08/19/85 09/03/85	240.9 233.9 251.7 291.7 286.0	1144.1 1131.1 1131.3 1133.1 1119.0	4706	01N/03W-30C02 S	1355.6	10/30/84 11/30/84 12/27/84 02/27/85 03/21/85 04/24/85 05/30/85 06/25/85 07/22/85 08/30/85 09/30/85	220.6 217.6 226.6 212.9 214.6 215.1 213.6 213.0 236.3 240.4 247.6	1135.0 1138.0 1131.0 1142.7 1141.0 1140.3 1142.0 1142.6 1119.3 1115.2 1108.0	4104
01S/05W-05403 S	1406.0	11/30/84 03/29/85	208.6 198.8	1197.4 1207.2	4706	01N/03W-30J05 S		12/28/84 05/27/85 06/17/85	NM-3 NM-3 NM-3		4104
01S/05W-11E01 S	1241.4	12/20/84	246.3	994.9	5208	01N/03W-30M01 S	1234.7	10/17/84 11/30/84 12/28/84 02/26/85 03/25/85 04/24/85 05/27/85 05/30/85 06/23/85 07/25/85 08/27/85 09/19/85	143.7 141.7 138.7 138.7 140.9 137.7 147.7 NM-9 NM-9 164.7(1) 168.9(1) 166.1(1)	1091.0 1093.0 1096.0 1096.0 1093.8 1097.0 1096.0 1070.0 1067.8 1068.6	4104
01S/05W-12L01 S	1180.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	209.8 219.8 210.8 214.8 212.8 211.8 216.8(1) 206.8 198.8 237.8(1) 210.8 210.2 207.8	970.2 960.2 969.2 965.2 967.2 968.2 943.2 973.2 981.2 942.2 969.2 969.8 972.2	4124	01N/03W-31C02 S		05/27/85 06/17/85	NM-7 NM-7		4104
01S/05W-12M01 S	1173.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	208.6 212.4 202.3 211.2(1) 207.0 213.8(1) 211.9 199.3 209.6(1) 202.3(1) 202.3 204.3 228.3(1)	968.4 960.6 970.7 961.8 966.0 999.2 961.1 973.7 963.4 970.7 970.7 968.7 944.7	4124	01N/03W-32C02 S	1270.0	11/16/84 12/05/84 01/09/85 02/04/85 03/14/85 04/03/85 05/30/85 06/16/85	153.0 193.0 153.0 149.0 150.0 149.0 142.0 150.0	1117.0 1117.0 1117.0 1121.0 1120.0 1121.0 1128.0 1120.0	5060
Y-01.E Y-01.E2	UPPER SANTA ANA RIVER NA BUNKER HILL HSA					01N/03W-33C01 S		12/28/84 05/30/85 06/28/85	NM-3 NM-3 NM-3		4104
01N/03W-19E01 S		12/28/84 09/11/85 06/25/85	FLOW FLOW NM-0		4104	01N/03W-33M01 S	1290.0	10/31/84 12/31/84 02/31/85 03/01/85 04/01/85 05/01/85 06/03/85 07/31/85 08/01/85 09/03/85	168.0 166.0 164.0 164.0 166.0 169.0 170.0 171.0 174.0 176.0	1122.0 1124.0 1126.0 1126.0 1124.0 1122.0 1120.0 1119.0 1116.0 1114.0	4776
01N/03W-27M02 S	1490.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	42.0 40.0 35.0 34.0 30.0 34.0 33.0 34.0 33.0 34.0 37.0 35.0	1448.0 1450.0 1455.0 1456.0 1460.0 1456.0 1457.0 1456.0 1457.0 1456.0 1453.0 1455.0	4776	01N/03W-33M02 S	1294.0	10/01/84 11/01/84 12/31/84 01/32/85 02/01/85 03/31/85 04/01/85 05/01/85 06/03/85 08/01/85	178.0 180.0 178.0 175.0 175.0 176.0 180.0 171.0 170.0 174.0(1)	1116.0 1114.0 1116.0 1119.0 1119.0 1118.0 1114.0 1123.0 1124.0 1120.0	4776
01N/03W-27N03 S	1494.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.0 31.0 30.0 26.0 21.0 22.0 23.0 24.0 23.0 24.0 25.0 26.0	1464.0 1463.0 1464.0 1468.0 1473.0 1472.0 1471.0 1470.0 1471.0 1470.0 1469.0 1468.0	4776	01N/04W-06H01 S	1902.4	10/23/84 11/27/84 12/26/84 01/28/85 02/21/85 03/22/85 04/22/85 05/27/85 06/26/85 07/25/85 08/28/85	28.9 11.9 30.4 32.7 47.7 52.7 36.4 26.8 28.3 28.0 28.6	1873.5 1870.5 1872.0 1869.7 1854.7 1849.7 1866.0 1875.6 1874.1 1874.4 1873.8	3230
01N/03W-28P01 S		12/26/84 05/28/85 06/25/85	NM-3 NM-3 NM-3		4104	01N/03W-29M01 S	1345.2	11/16/84 12/05/84 01/09/85	241.2 240.2 248.2	1104.0 1105.0 1097.0	5060

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER MA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER MA BUNKER HILL HSA				
01N/04W-06H01 S	1902.4	09/18/85	28.4	1873.6	3230	01N/04W-16E04 S	1413.1	06/21/85 07/24/85 08/28/85 09/16/85	119.4 118.5 121.4 123.9	1293.7 1294.6 1291.7 1289.2	3230
01N/04W-06H02 S	1887.7	10/23/84 11/27/84 12/26/84 01/28/85 02/21/85 03/22/85 04/22/85 05/27/85 06/26/85 07/25/85 08/30/85 09/18/85	20.9 21.7 20.8 28.4 31.0(1) 24.3 27.1(1) 19.7 20.1 19.0 19.8 19.8	1856.8 1856.0 1856.9 1839.3 1836.7 1858.4 1860.6 1868.0 1867.6 1868.7 1868.1 1867.9	3230	01N/04W-20N01 S	1330.9	02/28/85 04/19/85 06/25/85 08/27/85	152.0 155.8 159.8 165.3	1178.9 1175.1 1171.1 1165.6	3230
01N/04W-07F01 S	1622.0	10/01/84 10/23/84 11/25/84 12/26/84 01/28/85 02/18/85 03/23/85 04/19/85 05/24/85 06/16/85 08/01/85 08/30/85 09/18/85	144.6(1) 147.5(1) 130.5 121.5 133.5 131.9 129.7 133.0 160.0(1) 164.5(1) 173.0(1) 173.0(1) 141.2	1477.4 1474.5 1491.5 1300.5 1488.5 1490.1 1492.3 1487.0 1482.0 1457.5 1449.0 1449.0 1480.8	3230	01N/04W-23E01 S		12/04/84 05/31/85 06/01/85	NM-3 NM-5 NM-5		4104
01N/04W-08M01 S	1329.8	10/01/84 10/23/84 11/25/84 12/26/84 12/28/84 02/18/85 03/22/85 04/19/85 05/29/85 06/21/85 07/24/85 08/28/85 09/18/85	147.8(1) 155.2(1) 142.5 130.7 146.0 143.9 141.4 152.3(1) 162.1(1) 168.1 176.8(1) 182.3(1) 186.3(1)	1382.0 1374.6 1387.3 1399.1 1383.8 1385.9 1388.4 1377.5 1367.7 1361.7 1333.0 1347.5 1343.5	3230	01N/04W-23K01 S	1294.4	10/25/84 12/26/84 02/28/85 04/25/85 05/24/85 06/20/85 08/28/85	145.5 187.9 190.3 192.4 190.6 214.8 216.4	1108.9 1106.5 1103.9 1102.0 1103.8 1079.6 1076.0	3230
01N/04W-08P01 S	1476.7	10/01/84 10/23/84 11/26/84 03/23/85 04/19/85 05/29/85 06/21/85 07/24/85 08/28/85 09/18/85	126.7 135.0 NM-9 NM-9 131.2 152.1(1) 160.9(1) 186.0(1) 167.7(1) 168.7(1)	1330.0 1341.7  1345.5 1324.6 1315.8 1310.7 1309.0 1308.0	3230	01N/04W-23P01 S	1294.8	10/26/84 12/29/84 02/25/85 04/25/85 05/24/85 06/20/85 08/28/85	206.2 197.4 200.7 208.2 88.9 NM-7 NM-7	1088.6 1097.4 1094.1 1086.6 1203.9	3230
01N/04W-14R08 S	1409.1	10/23/84 12/26/84 02/29/85 04/23/85 06/23/85 08/28/85	17.5 18.1 20.2 12.9 17.3 18.3	1391.6 1391.0 1388.9 1396.2 1391.8 1390.8	3230	01N/04W-23A01 S	1295.6	10/30/84 12/04/84 02/27/85 03/26/85 04/24/85 05/27/85 06/28/85 07/31/85 08/26/85 09/24/85	167.7 161.0 194.6 197.0 199.2 196.4 198.4 172.0(1) 174.1(1) 177.0(1)	1127.9 1134.6 1141.0 1138.6 1136.4 1139.2 1137.2 1123.6 1121.5 1118.6	4104
01N/04W-16E01 S	1411.9	10/16/84 11/26/84 12/30/84 01/29/85 02/18/85 03/25/85 04/19/85 05/28/85 06/21/85 08/21/85 08/28/85 09/15/85	114.6 110.1 112.2 107.3 109.8 115.7 111.5 112.8 115.8 116.9 120.4 121.2	1297.3 1301.8 1299.7 1304.6 1302.1 1296.2 1300.4 1299.1 1296.3 1295.0 1291.5 1290.7	3230	01N/04W-23C02 S	1248.3	10/30/84 12/04/84 02/27/85 03/26/85 04/24/85 05/27/85 06/28/85 07/31/85 08/26/85 09/24/85	146.6 173.9(1) 196.7(1) 198.6(1) 175.8(1) 178.3(1) 160.8(1) 196.1(1) 197.6(1) 196.1(1)	1099.7 1072.4 1087.6 1087.7 1070.7 1068.0 1065.5 1050.2 1048.7 1048.2	4104
01N/04W-16E02 S	1403.3	10/01/84 10/16/84 11/26/84 12/30/84 01/28/85 02/18/85 03/25/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/16/85	111.9 108.0 101.8 109.1 119.7 108.2 108.4 107.9 110.6 118.5 115.3 116.4 116.6	1291.4 1293.3 1301.5 1294.2 1287.6 1298.1 1294.9 1295.4 1292.7 1284.8 1288.0 1286.9 1286.7	3230	01N/04W-23C04 S		12/28/84 02/26/85 05/30/85 06/28/85	NM-7 NM-7 NM-7 NM-4		4104
01N/04W-16E03 S	1407.0	10/16/84 11/26/84 12/30/84 01/29/85 02/18/85 03/25/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/16/85	109.5 104.3 109.6 105.8 110.5 110.1 111.2 111.1 118.8 116.1 113.6 118.9	1297.5 1302.7 1297.4 1301.2 1296.5 1298.9 1295.8 1295.9 1288.2 1290.9 1293.6 1290.1	3230	01N/04W-23P04 S		12/28/84 05/31/85 06/25/85	NM-9 NM-9 NM-2		4104
01N/04W-16E04 S	1413.1	10/16/84 11/26/84 12/30/84 01/29/85 02/18/85 03/25/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/16/85	111.6 112.0 112.1 112.8 112.2 112.7 112.8 112.9 112.9 112.7 113.1 115.0	1301.1 1301.0 1301.0 1300.3 1300.9 1300.4 1300.0 1295.1	3230	01N/04W-26A01 S		12/26/84 05/22/85 06/18/85	NM-0 NM-0 NM-6		4104
						01N/04W-26A02 S	1241.0	10/22/84 12/04/84 02/27/85 03/26/85 04/24/85 05/21/85 06/28/85 07/31/85 08/26/85 09/13/85	173.0 155.6 155.4 160.0 134.9 139.8 151.1 207.0 208.4 206.1	1066.0 1085.4 1085.6 1081.0 1086.1 1081.2 1079.9 1034.0 1032.6 1034.9	4104
						01N/04W-26A03 S	1244.0	10/22/84 12/04/84 02/27/85 05/21/85 06/28/85 07/31/85 09/24/85	227.0 228.1 NM-7 160.0 213.3(1) NM-7 216.0(1)	1017.0 1015.9  1064.0 1030.7  1029.0	4104
						01N/04W-26E02 S	1236.2	10/24/84 11/19/84 12/26/84 01/26/85 01/29/85 02/24/85 03/22/85 04/25/85 05/26/85 06/21/85 07/25/85 09/02/85 09/24/85	159.7(1) 149.9 137.5 151.2 148.7 147.9 146.2 149.1 150.0 159.0(1) 173.0(1) 178.0 164.0	1076.5 1086.3 1098.7 1085.0 1087.5 1084.3 1090.0 1087.1 1086.2 1067.2 1061.2 1058.2 1072.2	3230
						01N/04W-28M01 S	1205.7	10/25/84 12/29/84 03/02/85 04/25/85	119.8 116.4 114.6 105.0(1)	1081.1 1084.3 1086.1 1095.7	3230

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER SANTA ANA RIVER UPPER SANTA ANA RIVER BUNKER HILL NSA	NU NU MA MA				Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER SANTA ANA RIVER UPPER SANTA ANA RIVER BUNKER HILL NSA	NU NU MA MA			
01N/04W-26M01 S	1200.7	05/24/85 06/20/85 09/02/85	105.8 131.4 141.0	1094.9 1089.3 1059.7	3230	01N/04W-26J02 S	1185.0	06/25/85 08/27/85	106.1 113.5	1078.9 1071.5	3230
01N/04W-26M02 S	1193.7	10/25/84 12/29/84 03/02/85 04/25/85 05/24/85 06/20/85 09/02/85	126.9(1) 111.8 123.5(1) 128.0(1) 120.6 140.0(1) 140.1	1066.8 1081.9 1070.2 1065.7 1073.1 1053.7 1053.6	3230	01N/04W-29E01 S	1303.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	188.0 140.0 143.0 136.0 135.0 137.0 138.0 140.0 141.0 141.0 146.0 145.0	1115.7 1163.7 1160.7 1167.7 1168.7 1166.7 1165.7 1163.7 1162.7 1162.7 1157.7 1158.7	4776
01N/04W-26P03 S	1173.9	10/26/84 11/19/84 12/24/84 01/25/85 02/28/85 03/22/85 04/25/85 05/28/85 06/21/85 07/30/85 09/02/85 09/24/85	107.2 101.7 102.5 102.2 101.2 95.8 87.4 157.1(1) 167.6(1) 172.8(1) 174.4(1) 169.2	1066.7 1072.2 1071.4 1071.7 1072.7 1078.1 1086.5 1016.8 1006.3 1001.1 999.5 1004.7	3230	01N/04W-29F01 S	1278.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	163.0 165.0 164.0 165.0 164.0 164.0 165.0 174.0 175.0 179.0 180.0 163.0	1115.0 1113.0 1114.0 1113.0 1114.0 1114.0 1113.0 1104.0 1103.0 1099.0 1098.0 1115.0	4776
01N/04W-27A01 S	1244.4	10/24/84 11/19/84 12/26/84 01/30/85 03/02/85 03/22/85 04/25/85 05/26/85 06/26/85 07/25/85 08/26/85 09/24/85	162.9(1) 162.1(1) 156.9(1) 147.4 148.3 146.4 146.6 153.2 166.3 164.7 146.6 162.3	1081.5 1082.3 1087.5 1097.0 1096.1 1098.0 1097.8 1091.2 1078.1 1079.7 1097.8 1062.1	3230	01N/04W-31A01 S	1258.1	10/22/84 11/19/84 12/26/84 01/30/85 03/02/85 03/22/85 04/22/85 05/27/85 06/26/85 07/24/85 08/28/85 09/18/85	98.8 97.5 97.9 92.4 98.5 97.7 100.4 103.1 106.5 109.7 118.5 131.2	1159.3 1160.6 1160.2 1165.7 1159.6 1160.4 1157.7 1195.0 1151.6 1148.4 1139.6 1126.9	3230
01N/04W-27B01 S	1233.0	10/24/84 11/27/84 12/26/84 01/25/85 02/18/85 03/22/85 04/26/85 05/26/85 06/21/85 07/30/85 08/26/85 09/25/85	149.8 141.2 142.3 139.1 145.4 138.6 139.6 141.9 158.6 138.0 143.0 150.0	1083.2 1091.8 1090.7 1093.9 1087.6 1094.4 1093.4 1091.1 1074.4 1095.0 1090.0 1083.0	3230	01N/04W-31H01 S	1225.0	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/31/85 08/01/85 09/33/85	80.0 80.0 76.0 80.0 80.0 84.0 84.0 87.0 88.0 76.0 76.0	1145.0 1145.0 1147.0 1145.0 1145.0 1141.0 1141.0 1138.0 1137.0 1149.0 1149.0	4776
01N/04W-27G01 S	1226.4	10/23/84 11/27/84 12/26/84 01/25/85 02/18/85 03/22/85 04/26/85 05/26/85 06/21/85 07/26/85 08/26/85 09/20/85	147.5 140.7 140.5 141.4 141.7 141.4 141.6 144.1 150.2 163.2 161.6 168.6(1)	1078.9 1085.7 1085.9 1085.0 1084.7 1085.0 1084.8 1082.3 1076.2 1061.2 1064.8 1057.8	3230	01N/04W-32003 S	1230.3	10/22/84 11/19/84 12/26/84 01/30/85 03/02/85 03/25/85 04/18/85 05/27/85 06/25/85 08/31/85 09/18/85	85.9 99.9 97.5 74.9 78.9 NM-9 69.5 89.1 89.8 101.5(1) 104.5(1) 93.3	1144.4 1130.4 1132.8 1155.4 1151.4 NM-9 1160.8 1141.2 1140.5 1128.8 1125.8 1137.0	3230
01N/04W-27H01 S	1189.1	10/15/84 11/27/84 12/21/84 01/25/85 03/02/85 03/22/85 04/26/85 05/26/85 06/21/85 07/30/85 08/31/85 09/22/85	126.7(1) 111.8 112.5 112.2 110.4 112.7 114.9 116.7 136.3(1) 137.5 143.1 131.4	1062.4 1077.3 1076.4 1076.9 1078.7 1076.4 1074.2 1072.4 1052.8 1051.6 1046.0 1057.7	3230	01N/04W-32004 S	1236.3	10/31/84 10/22/84 11/19/84 12/26/84 01/30/85 03/02/85 03/25/85 04/18/85 05/31/85 08/01/85 09/18/85	90.4(1) 84.6 81.6 82.8 79.7 78.4 NM-9 68.5 103.0 108.0(1) 112.8(1) 104.1	1145.9 1151.7 1154.7 1153.5 1156.6 1157.9 NM-9 1167.8 1133.3 1141.3 1128.3 1123.5 1132.2	3230
01N/04W-27H02 S	1184.1	10/24/84 11/27/84 12/20/84 01/25/85 03/02/85 03/25/85 04/26/85 05/28/85 06/21/85 07/30/85 09/02/85 09/20/85	116.3 113.5 115.2 113.0 112.8(1) 115.7(1) 112.0 111.4 129.0(1) 121.0 85.0 133.0(1)	1067.8 1070.6 1068.9 1071.1 1071.3 1068.4 1072.1 1072.7 1055.1 1053.1 1099.1 1091.1	3230	01N/04W-32N01 S	1184.8	10/19/84 11/19/84 12/26/84 01/30/85 03/02/85 03/25/85 04/18/85 05/31/85 06/25/85 08/01/85 09/18/85	44.3 47.3 43.6 72.8 45.8 NM-9 68.5 103.0 95.0 108.0(1) 112.8(1) 104.1	1138.5 1137.5 1141.2 1132.0 1139.0 NM-9 1167.8 1133.3 1141.3 1128.3 1123.5 1132.2	3230
01N/04W-27N01 S	1174.9	10/15/84 11/27/84 12/21/84 01/25/85 03/02/85 04/26/85 05/28/85 06/23/85 07/30/85 08/31/85 09/20/85	109.1 98.2 99.4 101.5 97.7 109.0 106.9 112.0 114.6 118.9 120.9	1065.8 1076.7 1075.5 1073.4 1077.2 1065.9 1068.0 1062.9 1060.3 1056.0 1054.0	3230	01N/04W-33M01 S	1161.0	10/19/84 12/26/84 03/02/85 04/22/85 06/20/85 04/27/85	42.3 44.6 38.7 40.0 44.6 49.1	1118.7 1114.4 1122.3 1121.0 1116.4 1111.9	3230
01N/04W-28J02 S	1185.0	10/15/84 11/29/84 12/26/84 01/28/85 03/02/85 04/19/85 05/28/85	105.1 104.5 103.8 105.4 96.3 97.0 102.1	1079.9 1090.5 1061.2 1079.6 1088.7 1088.0 1082.9	3230	01N/04W-34G01 S	1141.9	10/24/84 11/19/84 12/21/84 01/28/85 02/23/85 03/23/85 04/23/85 05/27/85	79.9 72.8 72.4 73.9 72.0 76.4 89.4 81.5	1062.0 1069.1 1069.5 1068.0 1069.9 1065.3 1056.5 1058.4	3230

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER UPPER SANTA ANA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER UPPER SANTA ANA BUNKER HILL HSA				
01N/04W-34601 5	1141.9	06/21/85 07/25/85 09/02/85 09/20/85	107.2 99.4 114.2 102.7	1034.7 1042.5 1027.7 1039.2	3230	01N/05W-03M01 5	1878.3	02/21/85 03/22/85 04/19/85 05/29/85 06/21/85 07/25/85 08/28/85 09/19/85	NM-9 162.7(1) 160.5(1) 172.3(1) 172.3(1) 152.5 163.1 165.1	3230	
01N/04W-34603 5	1136.2	10/24/84 11/19/84 12/20/84 01/28/85 02/28/85 03/25/85 04/25/85 05/27/85 06/21/85 08/01/85 09/02/85 09/20/85	70.4 67.5 68.4 69.4 69.6 77.2 103.4 104.8 114.8(1) 118.0(1) 130.8(1) 117.8(1)	1065.8 1068.7 1067.8 1066.8 1066.6 1059.0 1032.8 1031.4 1021.4 1018.2 1005.4 1018.4	3230	01N/05W-03M02 5	1897.2	10/01/84 10/19/84 11/30/84 12/25/84 01/25/85 02/21/85 03/22/85 04/19/85 05/29/85	130.4 132.6 143.8 134.6 144.8(1) 144.0(1) 146.8 151.0 181.2(1)	3230	
01N/04W-35C01 5	1153.2	10/24/84 11/19/84 12/26/84 01/28/85 02/23/85 03/22/85 04/25/85 05/24/85 06/21/85 07/25/85 09/02/85 09/24/85	95.1 98.0 92.8 95.4 96.0 69.2 91.1 94.8 97.5 105.6 99.1 99.0	1058.1 1055.2 1060.4 1057.8 1057.2 1064.0 1062.1 1058.4 1055.7 1047.6 1054.1 1054.2	3230	015/03W-02J01 5	1397.4	11/02/84 12/05/84 01/09/85 02/13/85 03/19/85 05/09/85 08/19/85	78.0 81.6 85.1 87.9 90.2 93.4 101.5	3400	
01N/04W-35C02 5	1164.5	10/15/84 11/19/84 12/26/84 01/28/85 02/23/85 03/22/85 04/25/85 05/24/85 06/27/85 07/25/85 09/02/85 09/24/85	100.5 95.9 96.2 95.3 95.7 92.3 95.2 96.5 96.6 103.4 106.5 107.9	1064.0 1068.6 1068.3 1069.2 1068.6 1072.2 1069.3 1068.0 1065.9 1061.1 1058.0 1056.6	3230	015/03W-03P04 5	1272.0	06/25/85 07/24/85 08/30/85 09/30/85	79.3 89.7(1) 90.7(1) 87.0(1)	4104	
01N/04W-35C03 5	1168.0	10/24/84 11/19/84 12/26/84 01/28/85 02/23/85 03/22/85 04/25/85 05/24/85 06/21/85 07/24/85 08/21/85 09/24/85	99.4 97.2 93.6 94.8 96.4 94.2 87.8 100.1 103.6 103.8 105.4 112.8	1068.6 1070.8 1074.4 1073.2 1071.5 1073.8 1080.2 1067.9 1064.4 1064.2 1062.6 1055.2	3230	015/03W-04G02 5	1240.0	10/01/84 10/17/84 11/01/84 11/29/84 12/03/84 12/26/84 01/02/85 02/01/85 02/27/85 03/01/85 03/25/85 04/01/85 04/25/85 05/31/85 05/28/85 06/03/85 06/25/85 07/01/85 07/24/85 08/01/85 08/27/85 09/03/85 09/19/85	115.0 146.0 113.0 151.0 129.0 149.0 104.0 100.0 144.0 99.0 142.7 102.0 143.6 105.0 143.0 112.0 144.0 109.0 160.0 110.0 161.2 112.0 167.0	4776	
01N/04W-35L01 5	1130.3	10/23/84 11/27/84 12/12/84 01/25/85 02/28/85 04/25/85 05/24/85 06/20/85 08/28/85	76.0 74.9 62.8 73.6 72.8 81.4 85.9 93.1 100.7	1054.3 1055.4 1067.5 1054.7 1057.5 1048.9 1044.4 1037.2 1029.6	3230	015/03W-04N01 5		12/28/84 05/27/85 06/17/85	NM-7 NM-7 NM-3	4104	
01N/04W-35L06 5	1127.0	10/24/84 12/29/84 02/28/85 04/23/85 05/24/85 06/20/85 08/28/85	86.8 76.8 74.2 85.0(1) 87.4 100.0(1) 120.6	1040.2 1050.2 1052.8 1042.0 1039.6 1027.0 1006.4	3230	015/03W-04N03 5	1195.0	10/04/84 11/14/84 12/12/84 02/08/85 03/01/85 04/05/85 05/13/85 06/07/85 07/12/85 08/02/85 09/06/85	68.2 72.4 72.4 72.0 66.1 67.1 68.1 85.3 75.0 74.0 81.0	4104	
01N/04W-35M03 5	1122.7	10/24/84 11/19/84 12/20/84 01/30/85 02/28/85 03/22/85 04/25/85 05/28/85 06/21/85 07/24/85 08/28/85 09/20/85	75.8 68.8 69.1 63.4(1) 68.2(1) 97.8(1) 77.3 80.3 115.5(1) 93.3 124.0(1) 113.0(1)	1046.9 1053.9 1053.6 1059.3 1054.5 1024.9 1045.4 1042.4 1007.2 1029.4 998.7 1009.7	3230	015/03W-05001 5	1153.5	10/01/84 11/01/84 12/33/84 01/02/85 02/31/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	87.0 94.0 81.0 82.0 84.0 82.0 87.0 88.0 92.0 94.0 96.0 98.0	4776	
01N/04W-36K07 5		12/13/84 05/31/85 06/01/85	NM-7 NM-7 NM-7		4104	015/03W-05004 5	1148.0	10/01/84 11/01/84 12/33/84 01/02/85 02/31/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	65.0 65.0 60.0 60.0 62.0 60.0 67.0 89.0 71.0 74.0 76.0 76.0	4776	
01N/04W-36001 5	1098.0	10/22/84 11/26/84 12/13/84 02/28/85 03/14/85 04/25/85 05/31/85 06/28/85 07/28/85 08/17/85 09/18/85	24.9 17.0 16.9 18.3 17.7 18.7 18.7 20.1 35.0 37.3 36.7	1073.1 1081.0 1081.1 1079.7 1080.3 1079.3 1079.3 1077.9 1082.0 1060.7 1061.3	4104						
01N/05W-03N01 5	1878.3	10/01/84 10/19/84 11/30/84 12/12/84 01/28/85	146.3(1) 154.4(1) 151.6(1) 137.2 NM-9	1732.0 1723.9 1726.7 1741.1 NM-9	3230						

GROUND WATER LEVELS AT WELLS

138

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER SANTA ANA RIVER UPPER SANTA ANA RIVER BUNKER HILL NSA					Y-03 Y-03.E Y-03.E2	SANTA ANA RIVER SANTA ANA RIVER UPPER SANTA ANA RIVER BUNKER HILL NSA				
015/03W-27E02 5	3333.1	10/08/84 11/09/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/03/85 09/03/85	317.2(1) 86.5 313.9 79.9 98.5(1) 77.2 85.2 115.5(1) 99.0 122.3(1) 318.9(1) 95.7(1)	3193.9 1224.6 1197.2 1231.2 1232.6 1233.9 1225.9 1195.6 1212.3 1189.0 1342.2 1215.4	5206	015/04W-02K02 5	1057.8	10/15/84 11/19/84 12/17/84 01/28/85 02/28/85 04/26/85 05/28/85 06/21/85 07/24/85 08/25/85 09/26/85	-4.6 FLOW FLOW 7.0(1) 10.7(1) NM-1 NM-1 NM-1 NM-1 NM-1 NM-1	1058.6 3230 1050.8 1047.1	
015/03W-28M03 5	1308.0	10/08/84 11/08/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/03/85 09/03/85	119.5(1) 90.3 88.7 83.3 88.7 80.8 83.3 96.3 300.8 97.0 96.0 100.0	1188.5 1217.7 1239.3 1224.7 1239.3 1227.2 1224.7 1221.7 1207.2 1211.0 1210.0 1208.0	5206	015/04W-02K03 5	1053.2	10/16/84 11/19/84 12/17/84 01/10/85 02/27/85 04/25/85 05/27/85 06/19/85 08/01/85 08/29/85 09/26/85	22.9 3.9 FLOW 36.7(1) 61.0(1) 32.9 37.9 39.6 73.3(1) 60.4(1) 73.9(1)	1030.3 3230 1049.3 994.5 992.2 1020.3 1023.3 1023.6 979.7 972.6 979.3	
015/03W-28K01 5	1290.0	10/08/84 11/08/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/03/85 09/03/85	86.5 81.6 77.4 73.0 77.0 71.0 74.0 85.0 83.2 87.3 87.0 90.0	1203.5 1208.4 1232.6 1237.0 1233.0 1239.0 1216.0 1205.0 1206.8 1202.7 1203.0 1200.0	5206	015/04W-02L01 5	1047.8	06/03/85 07/01/85 08/01/85 09/03/85	31.8 33.6 35.6 36.2	1016.0 1012.2 1012.2 1011.6	5208
015/03W-32001 5	1206.2	11/09/84 01/09/85 02/13/85 03/19/85 05/09/85 08/19/85	89.7 82.9 80.9 83.0 87.1 95.9	3116.5 1123.3 1125.3 1123.2 1119.1 1110.3	3400	015/04W-02L02 5		12/14/84	FLOW		5206
015/04W-01A06 5	1096.2	10/30/84 12/21/84 02/28/85 04/26/85	22.8 23.1 23.6 23.8	1073.4 1073.1 1072.6 1072.4	3230	015/04W-02M01 5	1046.6	10/15/84 12/21/84 01/28/85 02/28/85 04/25/85 06/20/85 08/21/85	18.0 13.5 16.2 14.2 16.0 14.9 14.0	1030.6 1033.1 1032.4 1034.4 1032.6 1033.7 1034.6	3230
015/04W-01B04 5	1096.8	10/30/84 11/26/84 12/13/84 02/28/85 03/18/85 04/23/85 05/31/85 06/18/85 07/30/85 08/17/85 09/18/85	18.7 4.3 4.0 4.9 5.0 5.2 9.3 9.1 37.0 39.1 39.0	1078.1 1092.5 1092.8 1091.9 1091.8 1091.6 1087.5 1087.7 1059.8 1057.7 1057.8	4304	015/04W-02N01 5	1037.0	10/16/84 11/28/84 12/17/84 02/26/85 03/19/85 04/23/85 05/29/85 06/18/85 07/31/85 08/17/85 09/18/85	16.0 14.0 15.4 19.2 15.0 15.5 16.6 15.9 28.2 31.5 32.0	1021.0 1023.0 1021.6 1021.8 1022.0 1023.5 1020.4 1021.3 1008.8 1005.5 1005.0	4104
015/04W-01E01 5	1068.0	06/03/85	16.1	1051.9	5208	015/04W-02N02 5	1040.1	10/15/84 11/28/84 12/14/84 12/28/84 02/26/85 03/23/85 04/23/85 05/31/85 06/19/85 07/26/85 08/30/85 09/23/85	17.0 FLOW FLOW FLOW 9.9 10.7 10.0 14.0 14.0 32.0 30.6 27.8	1023.1 4304 1028.3 1025.1 1025.8 1025.2 1026.1 1008.1 1009.5 1012.3	4304
015/04W-01E02 5		12/26/84 05/22/85 06/18/85	NM-7 NM-7 NM-7		4104	015/04W-02P01 5	1045.5	07/01/85 08/01/85 09/03/85	36.8 36.8 39.0	1008.7 1008.7 1006.5	5208
015/04W-01G01 5	1097.0	10/31/84 11/27/84 12/28/84 02/28/85 03/27/85 04/23/85 05/27/85	22.7 23.9 21.0 22.6 22.5 23.7 23.0	1074.3 1073.1 1076.0 1074.4 1074.5 1073.3 1074.0	4104	015/04W-02P02 5	1037.6	10/15/84 11/28/84 12/14/84 12/28/84 02/26/85 03/23/85 04/23/85 05/31/85 06/18/85 07/26/85 08/30/85 09/23/85	17.0 FLOW FLOW FLOW 9.9 10.7 10.0 14.0 14.2 30.0 29.7 24.0	1020.6 4104 1027.7 1026.9 1027.6 1023.6 1023.4 1007.6 1007.9 1013.6	5208
015/04W-01K04 5	1092.0	10/19/84 11/30/84 12/26/84 02/26/85 03/20/85 04/23/85 05/22/85 06/18/85 07/31/85 08/26/85 09/19/85	31.8 29.8 27.3 29.1 30.5 30.8 33.5 33.8 40.7 42.6 39.8	1060.2 1062.2 1064.7 1062.9 1061.5 1061.2 1058.5 1058.2 1051.3 1049.4 1052.2	4104	015/04W-02P03 5		12/14/84	FLOW		5208
015/04W-02A03 5	1072.0	06/03/85	9.1	1062.9	5208	015/04W-02P06 5	1047.0	09/03/85	56.6	990.4	5208
015/04W-02A05 5	1087.0	10/31/84 11/27/84 12/28/84 02/27/85 03/21/85 04/25/85 05/31/85 06/29/85 07/28/85 08/30/85 09/30/85	33.0 36.8 38.0 31.0 30.7 29.3 31.0 31.3 35.0 39.3 37.5	1054.0 1050.2 1049.0 1056.0 1056.3 1057.7 1056.0 1055.7 1052.0 1047.7 1049.5	4104	015/04W-02003 5	1052.0	09/03/85	54.6	997.4	5208
						015/04W-02004 5	1057.5	10/18/84 11/28/84 12/13/84 02/26/85 03/19/85 04/23/85 05/31/85 06/28/85 07/28/85 08/17/85 09/18/85	30.4 5.0 4.7 42.4 43.0 34.0 37.2 39.0 66.0 66.6 65.4	1027.1 1032.5 1032.8 1015.1 1014.5 1023.5 1020.3 1018.5 991.5 990.9 992.1	4304
						015/04W-02006 5	1057.0	09/03/85	55.9	1001.3	5208
						015/04W-02007 5		12/14/84	FLOW		5208
015/04W-02K01 5	1056.3	10/16/84 11/19/84 12/20/84 01/28/85 04/25/85 05/27/85	26.8 3.9 8.7 7.2 35.3 26.3	1029.7 1050.4 1050.6 1049.1 1021.0 1030.0	3230	015/04W-02008 5	1055.0	10/18/84 11/28/84 12/19/84 02/26/85 03/19/85 04/23/85	26.8 3.8 3.5 33.5(1) 32.9(1) 32.1	1028.4 1031.2 1031.5 1021.5 1022.1 1022.9	4104

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA				
015/04W-02008 S	1055.0	05/29/85 06/26/85 07/26/85 08/17/85 09/18/85	31.5 33.0 66.5(1) 70.7(1) 71.5(1)	1023.5 1021.2 986.5 984.3 983.5	4104	015/04W-08F07 S	1095.1	02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	36.0 61.0 62.0 99.0 99.0 94.0 90.0 69.0	1059.1 1054.1 1033.1 1006.1 996.1 1001.1 1005.1 1026.1	4201
015/04W-02009 S	1055.5	10/04/84 11/14/84 12/12/84 02/22/85 03/01/85 04/05/85 05/03/85 06/28/85 07/12/85 08/02/85 09/06/85	15.6 6.5 FLOW 74.5(1) 74.5(1) 73.2(1) 74.0(1) 81.5(1) 84.0(1) 95.7(1) 96.0(1)	1039.9 1049.0 981.0 981.0 982.3 981.5 974.0 971.5 958.8 959.5	4104	015/04W-08F08 S	1096.5	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	63.0 29.0 39.0 64.0 65.0 92.0 102.0 97.0 93.0 72.0	1033.5 1067.5 1057.5 1052.5 1031.5 1004.5 994.5 999.5 1003.5 1024.5	4201
015/04W-03001 S	1096.4	10/15/84 11/29/84 12/21/84 01/30/85 02/24/85 04/18/85 05/24/85 06/25/85 08/01/85 08/27/85 09/18/85 09/29/85	24.5 21.7 21.5 19.6 21.7 23.6 26.7 26.1 26.9 27.8 28.0 NH-2	1071.9 1074.7 1074.9 1076.8 1074.7 1072.6 1069.7 1070.3 1069.5 1068.6 1068.4	3230	015/04W-08F10 S	1096.2	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	63.0 29.0 39.0 64.0 65.0 92.0 102.0 97.0 93.0 72.0	1033.2 1067.2 1057.2 1052.2 1031.2 1004.2 994.2 999.2 1003.2 1024.2	4201
015/04W-03J05 S	1034.1	10/15/84 11/19/84 12/17/84 01/29/85 02/27/85 03/25/85 04/25/85 05/27/85 06/21/85 07/24/85 08/28/85 09/26/85	28.7(1) -2.2 21.9 21.9(1) 27.1(1) 28.0(1) 26.4 26.2 54.2(1) 53.4(1) 54.4(1) 47.4(1)	1005.4 1036.3 1012.2 1012.2 1007.0 1006.1 1007.7 1007.9 979.9 980.7 979.7 986.7	3230	015/04W-08Q01 S	1075.8	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	34.0 23.0 23.0 33.0 33.0 60.0 60.0 59.0 65.0 33.0	1041.8 1052.6 1052.8 1042.8 1042.8 1015.8 1015.8 1016.8 1010.8 1022.8	4201
015/04W-03Q01 S	1041.8	10/15/84 11/19/84 12/17/84 01/25/85 02/28/85 03/25/85 04/25/85 05/27/85 06/20/85 08/01/85 08/29/85 09/20/85	-1.0 FLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW .6 1.7 2.4	1042.8 1039.4	3230	015/04W-08Q03 S		12/17/84 01/28/85 04/22/85	NH-2 NH-2 NH-2		3230
015/04W-08R04 S	1075.7	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	39.4 28.4 28.4 38.4 38.4 65.4 65.4 64.4 70.4 58.4	1036.3 1047.3 1047.3 1037.3 1037.3 1010.3 1010.3 1011.3 1005.3 1017.3	4201	015/04W-08R05 S	1076.0	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	35.5 24.5 24.5 34.5 34.5 61.5 61.5 60.5 66.5 54.5	1040.5 1051.5 1051.5 1041.5 1041.5 1014.5 1015.5 1009.5 1021.5	4201
015/04W-05C03 S	1176.0	10/19/84 12/26/84 03/01/85 04/22/85 06/20/85 08/20/85	43.9 42.3 34.7 35.1 49.8 57.8	1132.1 1133.7 1141.3 1140.9 1126.2 1118.2	3230	015/04W-09F01 S	1069.5	10/15/84 12/24/84 03/02/85 04/24/85 06/27/85 08/31/85	11.9 6.1 8.9 10.1 13.9 16.5	1057.6 1063.4 1060.6 1059.4 1059.6 1053.0	3230
015/04W-05E05 S	1170.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/25/85 07/01/85 08/01/85 09/03/85	33.3 49.1(1) 26.0 25.1 26.4 26.9 48.8(1) 33.2 41.4 43.0 42.8 45.0 48.0	1136.7 1120.9 1144.0 1144.9 1143.6 1143.1 1121.2 1136.8 1128.6 1127.0 1127.2 1125.0 1122.0	4124	015/04W-09F03 S	1071.6	10/15/84 12/21/84 03/02/85 04/23/85 06/27/85 09/02/85	19.2 16.1 17.1 17.5 21.1 27.7	1052.4 1055.5 1054.5 1054.1 1050.5 1043.9	3230
015/04W-06H01 S	1160.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/25/85 07/01/85 08/01/85 09/03/85	32.4 30.6 28.7 28.1 28.7 28.5 34.2 40.9 46.6 43.0 47.0 46.0 48.2	1127.6 1129.4 1131.3 1131.9 1131.3 1131.5 1125.8 1119.1 1113.4 1117.0 1113.0 1114.0 1111.8	4124	015/04W-09E02 S	1075.0	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	34.0 23.0 23.0 33.0 33.0 60.0 60.0 59.0 65.0 93.0	1041.0 1052.0 1052.0 1042.0 1042.0 1015.0 1015.0 1016.0 1010.0 1022.0	4201
015/04W-08A01 S	1093.9	04/22/85 06/27/85 08/28/85	24.3 NH-2 NH-2	1069.6	3230	015/04W-09J01 S		10/24/84 11/19/84 12/17/84 01/25/85 02/19/85 03/22/85 04/26/85 05/27/85	FLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW		3230
015/04W-08C01 S	1104.1	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	7.5 5.5 5.5 8.5 13.5 19.5 25.5 62.5 64.5 40.5	1096.6 1098.6 1098.6 1095.6 1090.6 1084.6 1078.6 1041.6 1039.6 1063.6	4201	015/04W-09N06 S	1040.2	10/15/84 12/17/84 02/28/85	26.4 14.1 24.0	1033.8 1046.1 1036.2	3230



TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER NA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER NA BUNKER HILL HSA				
01S/04W-09N06 S	1060.2	04/22/89	21.0	1039.2	3230	01S/04W-13602 S	1065.0	11/27/84	90.1(1)	974.9	3847
01S/04W-09P01 S	1052.4	10/15/84 11/19/84 02/28/89 03/22/85 04/26/85 05/27/85 06/20/89 08/01/89 08/28/85 09/20/85	20.4 18.6 15.3 15.8 16.7 21.0 23.0 24.2 26.6 27.2	1032.0 1033.8 1037.1 1036.6 1035.7 1031.4 1029.4 1028.2 1025.8 1025.2	3230		12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85	93.1(1) 92.5(1) 94.3(1) 23.7 17.9 16.7 15.4 15.5 15.3 16.1 14.6 15.4	971.9 972.5 970.7 1041.3 1047.5 1046.3 1049.6 1049.5 1049.7 1048.9 1050.4 1049.6		
01S/04W-10F01 S	1028.0	10/23/84 11/19/84 12/17/84 02/28/89 04/24/85 06/27/85 08/31/89	2.5 FLOW FLOW FLOW FLOW 2.0 4.6	1027.5 1026.0 1023.4	3230		02/26/85 03/05/85 03/12/85 03/19/85 03/27/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 05/30/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	76.7(1) 80.4(1) 77.4(1) 82.5(1) 83.4(1) 77.7(1) 85.7(1) 86.6(1) 88.3(1) 87.6(1) 90.7(1) 99.2(1) 100.7(1) 101.3(1) 44.7 114.1(1) 122.2(1) 117.0(1) 124.7(1) 123.7(1) 49.7 127.2(1) 128.7(1) 129.1(1) 125.5(1) 129.5(1) 119.5(1) 126.3(1)	988.3 984.6 987.6 982.5 981.6 987.3 979.3 978.4 976.7 977.4 974.3 965.8 964.3 963.7 1020.3 950.9 942.8 948.0 940.3 941.3 1015.3 937.8 986.6 935.9 930.5 935.5 945.5 938.7		
01S/04W-10N06 S	1001.4	10/15/84 11/19/84 12/17/84 03/22/85 04/26/85 05/27/85 06/19/85 08/01/85 08/23/85 08/28/85 09/20/85	13.2 8.1 FLOW FLOW FLOW FLOW 4.5 5.8 4.8 17.0 7.2	988.2 995.3 996.9 995.6 996.6 984.4 994.2	3230		10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/13/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	137.7(1) 132.9(1) 133.0(1) 130.9(1) 130.7(1) 132.9(1) 133.8(1) 127.9(1) 126.1(1) 121.2(1) 122.1(1) 130.9(1) 3.6 2.6 3.0 0 2.3 6.9 4.1 5.3 16.8 7.5 8.1 8.9 9.8 143.2(1) 147.0(1) 130.6(1) 139.6(1) 149.8(1) 154.7(1) 48.2(1) 151.2(1) 154.3(1) 156.2(1) 184.4(1) 175.5(1) 179.1(1) 184.1(1) 169.7(1) 52.5 43.1 38.8 167.4(1) 164.1(1) 163.8(1) 160.9(1) 160.0(1)	927.3 932.1 932.0 934.1 934.3 932.1 931.2 937.1 938.9 943.8 942.9 934.1 1061.4 1064.3 1062.4 1062.0 1065.0 1062.7 1056.9 1060.9 1059.7 1046.2 1057.5 1056.9 1056.5 1055.2 921.8 918.0 914.4 925.4 915.2 910.3 1016.8 913.8 910.7 908.6 880.6 889.5 885.9 880.9 809.3 1012.5 1021.9 1026.2 897.6 900.9 901.2 904.1 905.0		
01S/04W-11001 S		12/20/84	FLOW		5208						
01S/04W-11004 S		12/20/84	FLOW		5208						
01S/04W-11H01 S		10/15/84 11/19/84 12/17/84 01/26/89 02/28/85 04/26/85 05/28/85 06/19/85 08/21/85	FLOW FLOW FLOW FLOW FLOW FLOW 9 11.6 15.9 15.0	1030.9 1040.2 1039.9 1036.8	3230	01S/04W-13603 S	1065.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/13/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	137.7(1) 132.9(1) 133.0(1) 130.9(1) 130.7(1) 132.9(1) 133.8(1) 127.9(1) 126.1(1) 121.2(1) 122.1(1) 130.9(1) 3.6 2.6 3.0 0 2.3 6.9 4.1 5.3 16.8 7.5 8.1 8.9 9.8 143.2(1) 147.0(1) 130.6(1) 139.6(1) 149.8(1) 154.7(1) 48.2(1) 151.2(1) 154.3(1) 156.2(1) 184.4(1) 175.5(1) 179.1(1) 184.1(1) 169.7(1) 52.5 43.1 38.8 167.4(1) 164.1(1) 163.8(1) 160.9(1) 160.0(1)	927.3 932.1 932.0 934.1 934.3 932.1 931.2 937.1 938.9 943.8 942.9 934.1 1061.4 1064.3 1062.4 1062.0 1065.0 1062.7 1056.9 1060.9 1059.7 1046.2 1057.5 1056.9 1056.5 1055.2 921.8 918.0 914.4 925.4 915.2 910.3 1016.8 913.8 910.7 908.6 880.6 889.5 885.9 880.9 809.3 1012.5 1021.9 1026.2 897.6 900.9 901.2 904.1 905.0	
01S/04W-12806 S	1089.3	06/28/85 07/31/89 08/27/85 09/24/85	29.1 41.7(1) 42.1(1) 40.9(1)	1064.2 1047.6 1047.2 1048.8	4104						
01S/04W-13F02 S	1054.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 12/31/84 01/07/85 01/14/85 01/21/85 01/28/85 02/04/85 02/11/85 02/18/85 02/25/85 03/04/85 03/11/85 03/18/85 03/25/85 04/01/85 04/08/85 04/15/85 04/22/85 04/29/85 05/06/85 05/13/85 05/20/85 05/27/85 06/03/85 06/10/85 06/17/85 06/24/85 07/01/85 07/08/85 07/15/85 07/22/85 07/29/85 08/05/85 08/12/85 08/19/85 08/26/85 09/02/85 09/09/85 09/16/85 09/23/85 09/30/85 10/06/84 10/13/84 11/20/84	35.6 37.7 66.5(1) 66.4(1) 34.4 38.3 39.2 29.5 27.3 52.3(1) 26.5 27.6 19.1 14.6 13.1 11.1 11.6 11.9 12.5 10.8 11.8 49.1(1) 29.7 30.5 57.6(1) 28.4 31.2 39.1 62.0(1) 98.5(1) 61.2(1) 38.2 68.3(1) 42.5 71.2(1) 76.4(1) 74.5(1) 76.3(1) 77.2(1) 71.1(1) 77.2(1) 79.2(1) 78.1(1) 79.7(1) 80.6(1) 78.6(1) 77.4(1) 75.5(1)	1018.4 1016.3 987.3 987.6 1019.6 1015.7 1014.8 1024.9 1026.7 1001.7 1027.5 1026.4 1034.9 1039.4 1040.9 1042.9 1042.4 1042.5 1041.5 1043.2 1042.2 1004.9 1024.3 1023.5 996.4 1025.6 1022.6 1020.9 992.0 995.5 992.8 1015.8 985.7 1011.5 982.8 977.6 979.5 977.7 976.8 982.9 976.8 974.8 975.9 974.3 973.4 975.4 976.6 978.5	3847						
01S/04W-13602 S	1065.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84	81.5(1) 92.3(1) 99.2(1) 97.3(1) 92.5(1) 102.3(1) 105.2(1) 85.3(1)	983.5 972.7 965.8 967.7 972.9 962.7 959.8 979.7	3847	01S/04W-13H02 S	1054.0	10/02/84 10/09/84 10/16/84	66.2(1) 71.4(1) 28.3	987.8 982.6 1025.7	3847

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA NB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA NB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA				
015/04W-13M02 5	1054.0	10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	20.2 56.2(1) 32.3 65.2(1) 14.5 9.2 8.1 49.4(1) 12.4 5.8 3.3 1.4 .8 3.5 4.0 6.7 1.5 6.8 57.0(1) 32.3(1) 20.4 19.2 20.6(1) 54.0(1) 67.0(1) 59.2 20.3 74.2(1) 78.0(1) 48.4 42.0 85.2(1) 90.2(1) 57.1 58.2 90.3(1) 84.0(1) 56.5 90.3(1) 86.0(1) 91.3(1) 58.4 55.4 54.5 53.5	1033.8 997.8 1021.7 988.8 1039.7 1044.8 1043.9 1004.6 1041.6 1048.2 1050.7 1052.6 1053.2 1050.3 1050.0 1047.3 1032.5 1047.2 997.0 1001.7 1033.6 1034.8 1033.4 1000.0 987.0 1014.8 1025.7 979.8 976.0 1005.6 1012.0 988.8 963.8 996.9 995.8 963.7 970.0 997.5 963.9 968.0 982.5 997.6 998.6 999.5 1000.5	3847	015/04W-13N02 5	1048.8	01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	13.6 12.4 8.2 9.7 9.7 10.9 9.2 10.2 87.5(1) 93.6(1) 83.5(1) 84.6(1) 90.3(1) 77.4(1) 88.3(1) 101.6(1) 95.6(1) 97.4(1) 103.3(1) 105.6(1) 115.3(1) 138.5(1) 45.3 17.4(1) 162.5(1) 165.3(1) 166.7(1) 48.2 53.4 155.6(1) 138.3(1) 163.6(1) 133.7(1) 160.7(1) 160.6(1) 151.7(1)	1035.2 1036.4 1040.6 1039.1 1037.9 1039.6 1038.6 961.3 955.2 968.3 960.2 938.5 971.4 960.5 947.2 953.2 951.4 945.5 943.2 933.5 910.3 1003.5 891.4 886.3 885.3 882.1 1000.6 995.4 693.2 890.5 885.2 895.1 888.1 888.2 897.1	3847
015/04W-13M01 5	1046.3	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	77.4(1) 80.3(1) 79.1(1) 76.1(1) 71.8(1) 80.2(1) 82.0(1) 31.0 28.6 29.0 29.0 26.0 19.1 13.1 12.8 9.9 10.1 9.8 11.3 4.5 10.4 66.2(1) 69.9(1) 36.0 71.0(1) 69.0(1) 69.2(1) 69.2(1) 78.0(1) 70.0(1) 71.0(1) 74.2(1) 76.0(1) 43.1 78.2(1) 79.2(1) 89.1(1) 92.0(1) 91.0(1) 93.1(1) 84.2(1) 94.1(1) 91.0(1) 93.2(1) 93.2(1) 93.2(1) 93.2(1) 90.0(1) 89.0(1) 90.0(1) 87.0(1)	988.9 966.0 967.2 970.2 974.5 966.1 964.3 1015.3 1017.7 1017.3 1018.3 1027.2 1033.2 1033.5 1036.4 1036.2 1036.5 1035.0 1041.8 1035.9 980.1 976.4 1010.3 975.3 977.3 977.1 977.1 976.3 975.3 972.1 970.3 1003.2 968.1 967.1 957.2 954.3 955.3 953.2 962.1 957.3 956.3 959.3	3847	015/04W-14M03 5	1053.0	10/01/84 11/01/84 12/03/84 01/32/85 02/01/85 03/31/85 04/01/85 05/31/85 06/03/85 07/01/85 08/01/85 09/01/85	41.9 37.6 32.5 17.9 16.3 34.2 33.2 41.7 47.9 51.1 51.6 56.2	1011.1 1013.4 1020.5 1035.1 1036.7 1018.6 1019.6 1011.3 1005.1 1001.9 1001.4 996.8	9263
015/04W-13N02 5	1048.8	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	89.7(1) 94.6(1) 102.5(1) 104.2(1) 101.4(1) 95.7(1) 99.4(1) 86.3(1) 73.4(1) 79.3(1) 97.6(1) 100.5(1) 14.3	959.1 934.2 946.3 944.6 947.4 953.1 949.4 962.3 975.4 969.5 951.2 948.3 1030.5	3847	015/04W-14N09 5	1020.0	12/22/84	1.5	1018.5	9208
						015/04W-14P02 5	1026.0	12/19/84	.8	1025.2	5208
						015/04W-14P06 5	1027.1	06/03/85 07/31/85 08/01/85	54.8 46.8 56.8	972.3 970.3 970.3	*208
						015/04W-15F03 5		10/19/84 12/17/84	FLOW FLOW		3230

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER UPPER SANTA ANA BUNKER HILL HSA					Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER UPPER SANTA ANA BUNKER HILL HSA				
015/04W-13F05 S		02/28/85 04/23/85 06/27/85 08/28/85	FLOW FLOW FLOW NM-9	3230		015/04W-23A02 S	1045.0	01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/01/85 05/07/85 05/14/85 05/19/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/21/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	17.2 15.7 15.2 15.3 15.1 16.7 15.0 16.6 13.2 37.4(1) 57.2(1) 39.6 34.4 34.0(1) 55.0(1) 60.4(1) 61.4(1) 43.0 45.0 65.0(1) 64.2(1) 69.0(1) 53.1 74.1(1) 73.4(1) 74.0 81.1(1) 55.0 78.1(1) 78.4(1) 80.0(1) 59.2 59.3 76.4(1) 76.4(1) 77.3(1)	1027.8 1029.3 1029.8 1029.7 1029.9 1028.3 1030.0 1028.4 1011.8 987.6 987.8 1005.4 1010.6 991.0 990.0 984.6 983.6 1002.0 1000.0 980.0 980.8 976.0 991.9 970.9 971.6 971.0 963.9 990.0 966.9 966.6 963.0 985.8 985.7 968.6 968.6 967.7	3847
015/04W-15L03 S		12/05/84 04/07/85	FLOW FLOW	5717							
015/04W-13H02 S	984.6	10/17/84 12/05/84 12/17/84 02/25/85 04/23/85 04/25/85 06/25/85 08/27/85	8.3 7.1 6.4 7.6 7.1 7.3 9.2 NM-2	976.3 977.5 978.2 977.0 977.5 977.3 975.4	3230 5717 3230						
015/04W-15H05 S	980.0	12/05/84 04/23/85	9.5 21.8	970.5 958.2	5717						
015/04W-16J09 S	979.0	12/05/84 04/23/85	1.5 1.8	977.5 977.2	5717						
015/04W-21B05 S		12/14/84	NM-9	5208							
015/04W-22A01 S	1000.0	06/03/85 07/01/85 08/01/85 09/03/85	22.7 17.9 17.9 23.3	977.3 982.1 982.1 976.3	5208						
015/04W-22B02 S	996.0	12/20/84	8.8	987.2	5208						
015/04W-22B03 S	999.0	10/17/84 11/19/84 12/17/84 02/28/85 04/24/85 06/27/85 08/27/85	7.9 FLOW FLOW FLOW 6.2 21.0 26.3	991.1 3230		015/04W-23A05 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	38.9 92.0(1) 30.1 19.8 26.9 83.8(1) 85.9(1) 16.7 11.0 10.8 15.9 18.8 8.6 3.1 4.2 3.7 6.2 6.1 10.2 1.3 9.3 72.8(1) 22.8 25.9 68.9(1) 30.2 73.8(1) 85.8(1) 93.9(1) 36.8 54.5 55.7 99.7(1) 54.7 62.8 83.9 68.8 71.7 60.9 58.7 65.8 66.8 60.8 68.1 118.9(1) 104.0(1) 106.1(1) 106.9(1)	1005.1 952.0 1013.9 1024.2 1017.1 960.2 958.1 1027.3 1033.0 1033.2 1028.1 1025.2 1035.4 1040.9 1039.8 1040.3 1037.8 1037.9 1039.8 1042.7 1034.7 971.2 1021.2 1018.1 975.1 1013.8 970.2 958.2 950.1 1007.2 989.3 988.1 944.3 989.3 981.2 980.1 975.2 972.3 983.1 985.3 978.2 977.2 983.2 975.9 925.1 940.0 937.9 937.1	3847
015/04W-22B05 S	996.0	06/03/85 07/01/85 08/01/85 09/03/85	20.8 21.4 21.4 26.0	975.2 974.6 974.6 970.0	5208						
015/04W-22C02 S	988.5	12/17/84 03/01/85 /22/85	7.8 6.2 7.5	980.7 982.3 981.0	3230						
015/04W-22E05 S	974.9	12/13/84	2.4	972.5	5208						
015/04W-22G14 S	994.0	06/03/85	23.5	970.5	5208						
015/04W-22G16 S	994.0	06/03/85	23.9	970.1	5208						
015/04W-22G17 S	994.0	06/03/85	24.4	969.6	5208						
015/04W-22G18 S	995.0	06/03/85	24.6	970.4	5208						
015/04W-22G19 S	995.0	06/03/85 07/01/85 08/01/85 09/03/85	23.4 24.1 24.1 29.8	971.6 970.9 970.9 965.2	5208						
015/04W-22L05 S	983.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85	-1.2 FLOW FLOW FLOW FLOW FLOW	984.2	5783						
015/04W-22L08 S	980.2	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	8.8 1.1 -2.2 FLOW FLOW FLOW 29.8(1) 24.8	971.4 979.1 982.4	5783						
015/04W-22L09 S	986.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85	32.8(1) FLOW FLOW FLOW FLOW FLOW	953.2	3783						
015/04W-22L12 S		12/13/84	FLOW	5208		015/04W-23C02 S	1025.0	07/01/85 08/01/85	55.4 55.4	969.6 969.6	3208
015/04W-22L13 S	980.0	12/13/84	4.3	979.7	5208	015/04W-23G01 S	1044.7	12/24/84 05/07/85	12.5 69.2	1032.2 975.5	3847
015/04W-22H02 S		12/22/84	FLOW	5208		015/04W-23G03 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85	111.8(1) 107.9(1) 32.6 22.8 29.7 105.8(1) 111.6(1) 76.9(1) 77.8(1) 66.8(1) 85.8(1) 90.7(1) 11.5 6.8 6.6 7.0 8.7	932.2 936.1 1011.4 1021.2 1014.3 938.2 932.4 967.1 966.2 977.2 958.2 953.3 1032.5 1037.2 1037.4 1037.0 1035.3	3847
015/04W-23A01 S	1041.2	12/24/84 05/07/85	9.2 62.2	1032.0 979.0	3847						
015/04W-23A02 S	1045.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84	47.3 64.4(1) 63.2(1) 42.2 39.5 63.2(1) 65.2(1) 51.3(1) 33.3 33.2 35.2 34.2 23.9	997.7 980.6 981.8 1002.8 1005.5 981.8 979.8 993.7 1011.7 1011.8 1009.8 1010.8 1021.1	3847						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER MU UPPER SANTA ANA RIVER HA BUNKER HILL NSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER MU UPPER SANTA ANA RIVER HA BUNKER HILL NSA				
015/04W-23603 S	1044.0	01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/09/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	9.3 13.8 4.1 12.0 92.6(1) 84.8(1) 87.7(1) 87.6(1) 90.9(1) 93.5(1) 107.5(1) 122.8(1) 101.7(1) 129.6(1) 122.5(1) 67.9 128.8(1) 127.5(1) 139.5(1) 149.6(1) 152.7(1) 150.8(1) 66.8 64.5 131.5(1) 134.7(1) 130.5(1) 140.7(1) 144.8(1) 134.8(1) 143.8(1) 146.8(1)	1034.7 1030.2 1039.9 1032.0 931.4 959.2 956.3 956.2 953.1 950.5 936.5 921.2 942.3 918.4 921.5 976.1 915.2 916.5 908.5 898.4 891.3 893.4 977.2 975.5 912.5 909.3 913.5 903.3 899.2 905.2 900.2 897.2	3847	015/04W-23K01 S	1044.0	05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/08/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	49.8 58.8(1) 65.9(1) 67.7(1) 70.9(1) 58.9 59.0 59.8(1) 67.7(1) 99.9 72.1(1) 75.7(1) 76.0(1) 76.9(1) 74.0(1) 74.9(1) 78.0(1)	994.2 985.2 978.1 976.3 973.1 985.1 985.0 969.2 976.3 984.1 971.9 968.3 968.0 967.1 970.0 969.1 968.0	3847
						015/04W-23K02 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85	70.2(1) 46.3 47.1 44.0 40.2 49.2 45.4 36.4 35.2 55.1(1) 37.1 41.2(1) 26.2 21.2 19.7 18.3 18.2 18.2 20.1 18.0 18.6 53.9(1) 59.2(1) 59.3(1) 59.2(1) 36.3 53.9(1) 35.9 36.9 40.0 41.9(1) 69.9(1) 48.0 69.9(1) 71.0(1) 57.0 58.2 75.1(1) 80.0(1) 56.9	973.8 997.7 996.9 1000.0 1003.8 994.8 998.6 1007.5 1008.8 988.9 1006.9 1002.8 1017.8 1022.8 1024.3 1025.7 1025.8 1025.8 1023.9 1026.0 1025.4 990.1 984.8 984.7 984.8 1007.7 990.1 1008.1 1004.1 1004.0 982.1 978.1 996.0 974.1 973.0 987.0 985.5 968.9 964.0 987.1	3847
015/04W-23H01 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85	64.2(1) 62.1(1) 47.0 42.1 39.0 59.9(1) 62.2(1) 49.1(1) 47.9(1) 33.8 52.0(1) 51.0(1) 23.6 18.0 16.8 15.4 19.7 15.4 17.2 15.2 15.4 50.7(1) 39.1 40.2 36.0 34.0 37.6 35.6 57.7(1) 57.0(1) 58.6(1) 61.6(1) 46.9 51.6 67.8(1) 73.9(1) 73.9(1) 74.1(1) 76.8(1) 69.6(1) 76.9(1) 78.0(1) 78.7(1) 76.8(1)	979.8 981.9 997.0 1001.9 1005.0 984.1 981.8 994.9 996.1 1010.2 992.0 993.0 1020.4 1026.0 1027.2 1028.6 1028.6 1026.8 1028.8 1028.6 993.3 1004.9 1003.8 1006.0 1010.0 1006.4 1008.4 986.3 987.0 985.4 982.4 997.1 992.4 976.2 970.1 970.1 969.9 967.2 974.4 967.1 966.0 965.3 967.2	3847	015/04W-23K03 S	1040.2	12/24/84 05/07/85	13.9 66.3	1026.3 973.9	3847
						015/04W-23K01 S	1040.8	12/24/84 05/07/85	14.3 63.2	1026.5 977.6	3847
						015/04W-25802 S		10/11/84 01/02/85 08/01/85	NW-7 NW-7 NW-7		9217
						015/04W-25006 S	1075.0	12/17/84 05/16/85	29.2 69.9(1)	1049.8 1005.1	2980
						015/04W-25601 S	1108.0	10/08/84 11/08/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	91.3 98.0(1) 47.0 37.8 41.9 49.5 93.8 93.8(1) 93.4 108.0(1) 109.0(1) 107.9(1)	1016.7 1010.0 1061.0 1070.2 1066.1 1058.5 1014.2 1014.2 1014.6 1000.0 999.0 1000.1	5206
015/04W-23K01 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85	61.9(1) 47.1 60.0(1) 55.9(1) 38.0 41.9 45.0 33.9 44.8(1) 47.8(1) 48.9(1) 39.9 25.5 20.0 18.9 17.4 17.5 17.3 19.4 17.1 12.6 49.7(1) 52.9(1) 53.8(1) 53.9(1) 48.1(1) 36.7 35.7 40.8 41.0 45.7	982.1 996.9 984.0 988.1 1006.0 1002.1 999.0 1010.1 999.2 996.2 995.1 1008.1 1018.5 1024.0 1025.1 1026.6 1026.5 1024.6 1024.6 1026.9 1031.4 994.3 991.1 990.2 990.1 995.9 1007.3 1008.3 1003.2 1003.0 998.3	3847	015/04W-25H02 S		01/02/85 04/04/85 07/08/85 08/01/85	NW-7 72.0 72.0 73.0		9217
						015/04W-27402 S	1014.4	12/14/84	10.5	1003.9	5208
						015/04W-27407 S		12/15/84	NW-4		5208
						015/04W-27406 S	1017.0	12/15/84	23.8	993.2	5208
						015/04W-27413 S	1017.0	12/15/84	13.4	1003.6	5208
						015/04W-27419 S	1007.0	12/15/84	21.0	986.0	5208
						015/04W-27C07 S	990.0	12/13/84	13.0	977.0	5208
						015/04W-27H01 S	1020.0	09/03/85	35.2	984.8	5208
Y-01.E3	REDLANDS HSA					015/03W-24C01 S	1519.7	11/05/84 01/09/85 02/13/85	175.9 177.6 176.8	1343.8 1342.1 1340.9	3400

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01 Y-01.E Y-01.E3	SANTA ANA HB SANTA ANA RIVER MU UPPER SANTA ANA RIVER HA REOLANOS HSA					Y-01 Y-01.E Y-01.E5	SANTA ANA HB SANTA ANA RIVER MU UPPER SANTA ANA RIVER HA RESERVOIR HSA				
015/03W-24C01 S	1519.7	03/19/85 05/09/85 08/19/85	180.9 194.5 199.0	1336.8 1325.2 1320.7	3400	015/03W-35G07 S	1565.5	04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	45.3 46.3 53.7 123.8(1) 117.0(1) 113.1(1)	1520.2 1519.2 1511.8 1441.7 1448.4 1452.4	5206
015/03W-26C01 S	1440.0	10/08/84 11/09/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	141.8 143.7 143.0 145.3 141.7 145.0 146.0 147.0 151.0 151.3 154.0 155.0	1298.2 1296.3 1297.0 1294.7 1298.3 1295.0 1294.0 1293.0 1289.0 1288.7 1286.0 1285.0	5206	015/03W-35G08 S	1565.8	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	50.5 46.7 45.6 45.0 40.3 46.3 47.5 48.8 76.7 90.9(1) 88.3(1) 97.2(1)	1513.3 1519.1 1520.2 1520.8 1525.5 1519.5 1518.3 1517.0 1489.1 1474.9 1477.5 1468.6	5206
015/03W-32J02 S	1368.6	10/08/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	218.2(1) 174.2 151.5 145.2 144.8 168.5 169.2 214.2(1) 161.6 220.7(1) 226.2(1) 221.2(1)	1150.4 1194.4 1217.1 1223.4 1223.8 1200.1 1199.4 1154.4 1207.0 1147.9 1142.4 1147.4	5206	015/03W-35G09 S	1576.7	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	79.5 71.5 70.5 69.8 69.0 70.5 71.6 72.8 104.2 88.8 86.5 98.2	1497.2 1505.2 1506.2 1506.9 1507.7 1506.2 1503.1 1503.9 1472.5 1467.9 1468.2 1478.5	5206
Y-01.E4	MENTONE HSA										
015/02W-18P01 S		10/29/84 01/09/85 02/13/85 03/21/85 05/10/85 08/19/85	NM-1 184.3 186.0 189.4 191.8 NM-1	1578.3 1576.6 1573.2 1570.8	3400	015/03W-35G11 S	1560.0	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.3 29.4 28.3 27.8(1) 27.6 29.0 30.3 31.5 38.2 41.3 43.5 51.5	1524.7 1530.6 1531.7 1532.2 1532.4 1531.0 1529.7 1528.5 1521.8 1518.7 1516.5 1508.9	5206
015/02W-19G01 S	1688.6	10/29/84	126.0	1562.6	3400						
015/02W-19K01 S	1723.9	10/04/84 11/07/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	134.9 133.4 130.9 130.4 130.8 138.6 138.9 139.2 138.5 139.4 168.6(1) 185.1(1)	1589.0 1590.5 1593.0 1595.5 1593.1 1585.3 1585.0 1584.7 1585.4 1584.5 1555.3 1558.8	5206	015/03W-35H02 S	1568.0	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	53.9 45.9 44.9 44.2 43.7 45.7 46.9 48.1 52.9 62.4 64.6 85.2	1514.1 1522.1 1523.1 1523.8 1524.3 1522.3 1521.1 1519.9 1515.1 1505.6 1503.4 1482.8	5206
015/02W-20R01 S	1880.0	10/04/84 10/29/84 11/08/84 12/04/84 01/02/85 01/09/85 02/01/85 02/13/85 03/01/85 03/07/85 03/19/85 04/01/85 05/01/85 05/09/85 06/03/85 07/01/85 08/01/85 08/19/85 09/03/85	138.0 140.9 141.5 143.5 144.5 143.3 128.4 111.8 69.5 67.4 63.2 73.8 78.0 78.8 29.3 103.2 113.8 117.2 57.4	1742.0 1739.1 1738.5 1736.5 1735.5 1736.7 1751.6 1768.2 1810.5 1812.6 1816.0 1806.2 1802.0 1801.2 1850.9 1776.8 1766.2 1762.8 1822.6	5206 3400 5206 5206 5206 3400 5206 5206 5206 5206 5206 5206 3400 5206 5206 5206 3400 5206 5206	015/03W-35H03 S	1571.1	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	57.7 51.1 49.9 49.6 48.9 49.7 49.4 49.4 43.0 63.3 65.2 103.9(1)	1513.4 1520.0 1521.2 1521.5 1522.2 1521.4 1521.7 1521.7 1508.1 1507.8 1505.9 1467.2	5206
015/02W-21001 S	1965.0	10/04/84 10/29/84 11/08/84 12/04/84 01/02/85 01/09/85 02/01/85 02/13/85 03/01/85 03/18/85 04/01/85 05/01/85 05/09/85 06/03/85 07/01/85 08/01/85 08/19/85 09/03/85	58.5 59.2 59.5 58.3 33.0 36.9 22.3 19.9 19.1 18.0 23.0 28.5 29.3 49.9 49.4 46.0 54.7 57.8	1906.5 1905.8 1905.5 1906.7 1922.0 1928.1 1942.7 1945.1 1945.9 1947.0 1942.0 1936.5 1935.7 1935.1 1915.6 1910.3 1910.3 1907.2	5206 5206 5206 5206 3400 5206 5206 5206 5206 5206 5206 5206 3400 5206 5206 5206 5206 5206	015/03W-35H04 S	1585.3	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	65.0 60.3 59.0 58.8 58.1 59.3 60.3 61.3 64.1 70.0 72.0 87.9	1520.3 1525.0 1526.3 1526.5 1527.2 1526.0 1525.0 1524.0 1521.2 1515.3 1513.3 1497.4	5206
Y-01.E5	RESERVOIR HSA					Y-01.E6	CRAFTON HSA				
015/02W-29H01 S	1851.8	10/29/84 03/19/85	216.7 204.2	1635.1 1647.6	3400	025/03W-01001 S	1789.6	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	218.6(1) 191.8 197.1 183.4 180.1 177.8 175.6 197.6(1) 200.6 189.1(1) 211.6(1) 214.6(1)	1571.0 1597.8 1602.5 1606.2 1609.5 1611.8 1614.0 1592.0 1589.0 1600.5 1578.0 1575.0	5206
015/02W-30C01 S	1709.4	10/29/84 03/19/85	73.8 74.3	1635.6 1635.1	3400	Y-01.E7	SANTA ANA CANYON HSA				
015/03W-35G07 S	1565.5	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85	69.0(1) 44.8 43.8 43.3 42.5 44.5	1496.5 1520.7 1521.7 1522.2 1523.0 1521.0	5206	015/02W-13401 S	2970.0	10/04/84 11/07/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85	12.0 12.8 12.0 12.8 12.5 12.4 12.5	2958.0 2957.2 2958.0 2977.2 2957.5 2957.6 2957.5	5206

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01	SANTA ANA NB					Y-01	SANTA ANA NB				
Y-01.E	SANTA ANA RIVER HU					Y-01.E	SANTA ANA RIVER HU				
Y-01.E7	UPPER SANTA ANA RIVER HA					Y-01.E9	UPPER SANTA ANA RIVER HA				
	SANTA ANA CANYON H5A						SYCAMORE H5A				
015/02W-13A01 S	2970.0	05/01/85	12.0	2956.0	5206	01N/04W-31M02 S	1237.0	06/01/85	40.2	1196.8	3368
		06/03/85	12.2	2957.8				07/02/85	40.2	1196.8	
		07/01/85	12.5	2957.5				08/01/85	50.2	1186.8	
		08/01/85	13.3	2956.7				09/01/85	49.2	1187.8	
		09/03/85	13.9	2956.1							
Y-01.E8	MILL CREEK CANYON H5A					01N/04W-31P03 S	1206.4	02/01/85	-1.2	1207.6	4124
								03/01/85	-1.3	1207.7	
								04/01/85	2.6	1203.8	
015/01W-08G01 S	3570.0	10/05/84	35.5	3534.5	5206			05/01/85	5.6	1200.8	
		11/07/84	49.2(1)	3520.8				05/23/85	30.7	1175.7	
		12/04/84	75.0(1)	3495.0				06/03/85	11.5	1194.9	
		01/02/85	11.5	3596.5				07/01/85	22.1	1184.3	
		02/01/85	10.6	3559.2				08/01/85	25.0	1181.4	
		03/01/85	12.0	3558.0				09/03/85	28.4	1177.6	
		04/01/85	12.0	3558.0							
		05/01/85	12.2	3557.8		01N/05W-15G02 S	1590.8	11/29/84	152.0	1458.8	4706
		06/03/85	13.2	3556.6				04/30/85	166.3	1424.5	
		07/01/85	70.6(1)	3499.4				07/19/85	101.1(1)	1399.7	
		08/01/85	36.8(1)	3533.2				07/30/85	193.5(1)	1397.3	
		09/03/85	26.6(1)	3543.4				08/15/85	195.9(1)	1394.9	
								09/03/85	199.0(1)	1391.8	
015/01W-10L01 S	4140.0	10/05/84	99.5	4040.5	5206	01N/05W-22A01 S	1549.8	11/29/84	116.5	1433.3	4706
		11/07/84	111.5(1)	4028.5				02/27/85	123.5	1426.8	
		12/04/84	121.3(1)	4018.7				07/19/85	150.5(1)	1399.3	
		01/02/85	113.9(1)	4026.1				07/30/85	191.3(1)	1398.5	
		02/01/85	127.7(1)	4012.3				08/15/85	154.3(1)	1395.5	
		03/01/85	136.0(1)	4004.0				09/03/85	157.2(1)	1392.6	
		04/01/85	128.5	4011.5							
		05/01/85	122.0(1)	4018.0							
		06/01/85	54.1	4085.9		01N/05W-23A01 S	1514.0	10/05/84	79.0	1435.0	4793
		07/01/85	139.0(1)	4001.0				10/12/84	79.0	1435.0	
		08/01/85	135.7(1)	4004.3				10/19/84	79.0	1435.0	
		09/01/85	138.5(1)	4001.5				11/09/84	119.0(1)	1395.0	
								11/16/84	119.0(1)	1395.0	
015/01W-11G01 S	4575.0	10/05/84	107.3	4467.7	5206			11/23/84	119.0(1)	1395.0	
		11/07/84	117.5(1)	4457.5				11/30/84	79.0	1435.0	
		12/04/84	122.5(1)	4452.5				12/07/84	71.0	1443.0	
		01/02/85	121.2(1)	4453.8				12/14/84	71.0	1443.0	
		02/01/85	75.4	4499.6				12/28/84	71.0	1443.0	
		03/01/85	70.0	4505.0				01/04/85	115.0(1)	1399.0	
		04/01/85	65.0	4510.0				01/11/85	115.0(1)	1399.0	
		05/01/85	58.1	4516.9				01/18/85	79.0	1435.0	
		06/01/85	55.7	4519.3				02/01/85	119.0(1)	1395.0	
		07/01/85	108.3(1)	4466.7				02/08/85	71.0	1443.0	
		08/01/85	113.0(1)	4482.0				02/19/85	71.0	1443.0	
		09/01/85	113.3(1)	4481.7				02/22/85	71.0	1443.0	
								03/01/85	71.0	1443.0	
015/02W-09P01 S	2195.0	10/29/84	116.1	2038.9	3400			03/08/85	71.0	1443.0	
		03/21/85	23.0	2132.0				03/15/85	71.0	1443.0	
								03/22/85	115.0(1)	1399.0	
015/02W-21B02 S	2090.0	10/04/84	28.2	2061.8	5206			03/29/85	114.0(1)	1399.0	
		10/29/84	29.5	2060.5	3400			04/05/85	115.0(1)	1399.0	
		11/08/84	29.6	2060.4	5206			04/12/85	114.0	1399.0	
		12/04/84	29.2	2060.8				04/19/85	115.0	1399.0	
		01/02/85	18.9	2071.1				04/25/85	115.0(1)	1399.0	
		02/01/85	16.4	2073.6				05/03/85	115.0(1)	1399.0	
		03/01/85	15.2	2074.8				05/09/85	115.0	1399.0	
		03/19/85	15.9	2074.1	3400			05/17/85	115.0	1399.0	
		04/01/85	17.5	2072.5	5206			05/29/85	115.0	1399.0	
		05/01/85	19.5	2070.5				06/03/85	115.0	1399.0	
		06/03/85	23.1	2066.9				06/12/85	NM-9		
		07/01/85	27.1	2062.9				06/24/85	NM-9		
		08/01/85	29.2	2060.8				07/08/85	NM-9		
		09/03/85	31.2	2058.8				07/16/85	NM-9		
								07/28/85	131.0(1)	1432.0	
015/02W-21E01 S	2015.9	10/04/84	51.3	1964.6	5206			08/05/85	143.0(1)	1371.0	
		11/08/84	52.0	1963.9				08/12/85	144.0(1)	1370.0	
		12/04/84	50.0	1965.9				08/19/85	144.0(1)	1370.0	
		01/02/85	32.0	1983.9				08/26/85	144.0(1)	1370.0	
		02/01/85	24.0	1991.9				09/03/85	115.0	1399.0	
		03/01/85	19.8	1996.1				09/09/85	144.0(1)	1370.0	
		04/01/85	22.5	1993.4				09/16/85	144.0(1)	1370.0	
		05/01/85	26.0	1989.9				09/23/85	146.0(1)	1368.0	
		06/03/85	33.9	1982.0				09/30/85	144.0(1)	1370.0	
		07/01/85	42.9	1973.0							
		08/01/85	47.0	1968.9		01N/05W-23A02 S	1507.0	10/05/84	65.0	1442.0	4793
		09/03/85	50.8	1965.1				10/12/84	65.0	1442.0	
								10/19/84	100.0(1)	1407.0	
								11/09/84	100.0(1)	1407.0	
								11/16/84	65.0	1442.0	
								11/23/84	65.0	1442.0	
								11/30/84	65.0	1442.0	
								12/07/84	100.0(1)	1407.0	
								12/14/84	100.0(1)	1407.0	
								12/28/84	100.0(1)	1407.0	
								01/04/85	65.0	1442.0	
								01/11/85	65.0	1442.0	
								01/18/85	65.0	1442.0	
								02/01/85	65.0	1442.0	
								02/08/85	65.0	1442.0	
								02/19/85	101.0(1)	1406.0	
								02/22/85	101.0(1)	1406.0	
								03/01/85	65.0	1442.0	
								03/08/85	101.0(1)	1406.0	
								03/15/85	101.0(1)	1406.0	
								03/22/85	101.0	1406.0	
								03/29/85	101.0	1406.0	
								04/05/85	101.0(1)	1406.0	
								04/12/85	101.0	1406.0	
								04/19/85	101.0	1406.0	
								04/25/85	101.0	1406.0	
								05/03/85	101.0	1406.0	
								05/09/85	101.0	1406.0	
								05/17/85	101.0	1406.0	
								05/29/85	101.0	1406.0	
								06/03/85	101.0	1406.0	
								06/12/85	101.0	1406.0	
								06/19/85	101.0(1)	1406.0	
								06/24/85	101.0(1)	1406.0	
								06/30/85	101.0(1)	1406.0	
								07/08/85	133.0(1)	1374.0	
Y-01.E9	SYCAMORE H5A										
01N/04W-31G02 S	1266.8	07/10/85	109.0(1)	1157.8	5783						
01N/04W-31M02 S	1237.0	05/01/85	31.2	1205.8	3368						

GROUND WATER LEVELS AT WELLS 5

147

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.F Y-01.F4	SANTA ANA NR SANTA ANA RIVER HU SAN TIMOTEO HA CHICKEN HILL HSA					Y Y-01 Y-01.F Y-01.F6	SANTA ANA NR SANTA ANA RIVER HU SAN TIMOTEO HA OAK GLENN HSA				
02S/02W-02H01 S	2330.0	10/30/84 11/29/84 01/15/85 02/12/85 03/22/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	198.0 204.0 203.0 203.0 203.0 200.0 200.0 199.0 197.0 196.0	2132.0 2126.0 2127.0 2127.0 2127.0 2130.0 2130.0 2131.0 2133.0 2134.0	5419	01S/02W-36H01 S	2559.0	02/27/85 03/22/85 04/16/85 05/22/85 06/25/85 07/25/85 08/30/85	167.0(5) 165.0(5) 165.0(5) 164.0(5) 169.0 190.0(1) 198.0(1)	2392.0 2394.0 2394.0 2395.0 2390.0 2369.0 2371.0	5419
02S/02W-03L01 S	2171.5	10/05/84 11/08/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	201.5 217.5(1) 152.0 142.9 137.0 132.4 127.8 186.4 203.5(1) 200.3(1) 185.9(1)	1970.0 1954.0 2019.5 2026.6 2034.5 2039.1 2043.7 1985.1 1968.0 1971.2 1985.6	5206	01S/02W-36R01 S	2710.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/29/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	265.0 265.0 273.0 272.0 271.0 275.0 271.0 270.0 271.0 272.0 274.0	2445.0 2445.0 2437.0 2438.0 2439.0 2435.0 2440.0 2439.0 2438.0 2436.0	5419
02S/02W-10C01 S	2240.0	01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	162.0 155.8 150.0 152.3 142.3 172.3 198.0(1) 199.5(1) 196.9(1)	2078.0 2084.2 2090.0 2087.7 2097.7 2067.7 2042.0 2040.5 2043.1	5206	02S/02W-01F01 S	2560.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/29/85 04/16/85 05/22/85 06/26/85 07/25/85 08/30/85	195.0 198.0 202.0 202.0 202.0 202.0 200.0 NM-9 195.0 195.0 194.0	2365.0 2362.0 2358.0 2358.0 2358.0 2358.0 2360.0 NM-9 2365.0 2365.0 2366.0	5419
02S/02W-11D01 S	2320.0	06/25/85 07/25/85 08/30/85	157.0 157.0 157.0	2163.0 2163.0 2163.0	5419	Y-01.F7 SOUTH MESA HSA					
02S/02W-11D02 S	2320.0	10/30/84 11/30/84 12/18/84 01/15/85 02/12/85 03/29/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	158.0 158.0 157.0 161.0 160.0 162.0 158.0 157.0 157.0 157.0 157.0	2162.0 2162.0 2163.0 2159.0 2160.0 2158.0 2162.0 2163.0 2163.0 2163.0 2163.0	5419	01S/01W-32A01 S	3338.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/21/85 04/16/85 05/22/85 06/26/85 07/25/85 08/30/85	36.0 22.0 23.0 31.0 35.0(1) 47.0(1) 34.0(5) 34.0(5) 30.0 33.0 48.0	3302.0 3314.0 3315.0 3307.0 3303.0 3291.0 3304.0 3304.0 3308.0 3305.0 3290.0	5419
Y-01.F5 GATEWAY HSA						01S/01W-32C01 S	3175.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/21/85 04/16/85 05/21/85 06/26/85 07/25/85 08/30/85	35.0(1) 35.0(1) 33.0(1) 34.0(1) 31.0(1) 38.0(1) 37.0(1) 40.0 42.0(1) 39.0(1) 44.0(1)	3140.0 3140.0 3142.0 3141.0 3144.0 3140.0 3138.0 3135.0 3133.0 3136.0 3131.0	5419
01S/01W-30E01 S	2816.9	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/21/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	280.0(1) 259.0 257.0 282.0(4) 264.0 263.0 262.0 284.0(1) 284.0(1) 288.0(1) 272.0	2536.9 2557.9 2559.9 2534.9 2532.9 2533.9 2554.9 2532.9 2532.9 2528.9 2544.9	5419	02S/01W-08E02 S	2860.0	10/30/84 11/29/84 12/28/84 01/15/85 02/12/85 03/20/85	48.0 43.0 41.0 40.0 38.0 36.0	2812.0 2817.0 2819.0 2820.0 2822.0 2824.0	5419
01S/01W-30G01 S	2933.0	10/31/84 11/29/84 12/19/84 01/15/85 02/12/85 03/05/85 04/16/85 05/16/85 06/26/85 07/25/85 08/30/85	229.0 226.0 226.0 229.0 229.0 229.0 407.0(5) 254.0(5) 252.0(1) 256.0(1) 224.0	2704.0 2707.0 2707.0 2704.0 2704.0 2704.0 2526.0 2679.0 2681.0 2677.0 2709.0	5419	02S/02W-11A01 S	2440.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/05/85 04/16/85 05/16/85 06/25/85 07/25/85 08/30/85	249.0 247.0 247.0 251.0 250.0 247.0 252.0(5) 289.0(5) 291.0(1) 291.0(1) 301.0(1)	2191.0 2193.0 2193.0 2189.0 2190.0 2193.0 2188.0 2151.0 2149.0 2149.0 2139.0	5419
01S/02W-23K02 S	2764.0	10/30/84 11/30/84 12/28/84 01/15/85 02/12/85 04/16/85 05/21/85 07/25/85 08/30/85	210.0 NM-9 NM-9 215.0 217.0 213.0 212.0 212.0 210.0	2554.0 NM-9 NM-9 2549.0 2547.0 2551.0 2552.0 2552.0 2554.0	5419	02S/02W-11B01 S	2415.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/22/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	244.0 242.0 240.0 247.0 243.0 243.0 244.0 255.0 248.0 276.0(1) 280.0(1)	2171.0 2173.0 2175.0 2168.0 2172.0 2171.0 2160.0 2167.0 2139.0 2135.0	5419
01S/02W-25M02 S	2610.0	10/31/84 11/29/84 12/19/84 01/15/85 02/12/85 03/29/85 04/17/85 05/21/85 06/26/85 07/25/85 08/30/85	257.0(1) 195.0 197.0 185.0 180.0 173.0 171.0 260.0 264.0(1) 260.0(1) 280.0(1)	2353.0 2415.0 2413.0 2425.0 2430.0 2437.0 2439.0 2350.0 2346.0 2330.0 2330.0	5419	02S/02W-11B02 S	2380.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/20/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	298.0(1) 229.0 284.0(1) 289.0(1) 222.0 297.0(1) 304.0(1) 290.0 302.0(1) 286.0(1) 280.0(1)	2082.0 2151.0 2085.0 2093.0 2158.0 2083.0 2076.0 2090.0 2078.0 2094.0 2100.0	5419
Y-01.F6 OAK GLENN HSA						02S/02W-12M01 S	2471.3	12/19/84 06/25/85 08/14/85	286.0 279.0 269.0	2185.3 2192.3 2202.3	6224
01S/02W-36F01 S	2605.0	02/12/85 03/27/85 06/26/85 07/24/85 08/30/85	174.0 163.0 176.0 257.0(1) 207.0(1)	2431.0 2442.0 2429.0 2348.0 2398.0	5419	02S/02W-14B01 S	2405.0	12/19/84 06/25/85 08/14/85	246.0 242.0 233.0	2159.0 2163.0 2172.0	6224
01S/02W-36M01 S	2559.0	10/31/84 11/30/84 12/28/84 01/15/85	170.0(5) 170.5(5) 168.0(5) 168.0(5)	2389.0 2388.5 2391.0 2391.0	5419						



TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01 Y-01.F Y-01.F7	SANTA ANA HB SANTA ANA RIVER SAN TIMOTEO HA SOUTH MESA HSA	HU				Y-01 Y-01.F Y-01.F9	SANTA ANA HB SANTA ANA RIVER SAN TIMOTEO HA NOBIE CREEK HSA	HU			
02S/02W-14C01 S	2392.7	06/25/85 08/14/85	265.0(5) 266.0(1)	2127.7 2126.7	6224	02S/01W-23D01 S	3200.0	05/12/85 05/18/85 05/26/85 06/02/85 06/09/85 06/16/85 06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/26/85 07/28/85 09/09/85 09/28/85	77.0(1) 67.0(1) 65.0(1) 75.0(1) 79.0(1) 80.0(1) 79.0(1) 80.0(1) 79.0(1) 79.0(1) 61.0 85.0(1) 84.0(1) 86.0(1) 84.0(1)	3123.0 3133.0 3135.0 3125.0 3121.0 3120.0 3121.0 3120.0 3121.0 3121.0 3139.0 3115.0 3116.0 3114.0 3116.0	5407
02S/02W-14D01 S	2358.0	12/19/84 06/25/85 08/14/85	214.0 242.0(1) 251.0(1)	2144.0 2116.0 2107.0	6224						
02S/02W-14R01 S	2360.0	12/19/84 06/25/85 08/14/85	114.0 112.0 112.0	2246.0 2248.0 2248.0	6224						
Y-01.F8	TRIPLE FALLS CREEK HSA										
01S/01W-27L01 S	3850.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/21/85 04/16/85 05/21/85 06/26/85 07/25/85 08/30/85	40.0(1) 40.0 36.0(1) 34.0(1) 31.0(1) 31.0(1) 31.0(1) 33.0(5) 34.0(1) 37.0(1) 41.0(1)	3810.0 3810.0 3812.0 3816.0 3819.0 3819.0 3819.0 3817.0 3816.0 3813.0 3809.0	5419						
Y-01.F9	NOBIE CREEK HSA										
02S/01W-02G01 S	4400.0	06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85	116.0(1) 116.0(1) 115.0(1) 115.0(1) 120.0(1) 48.0 48.0	4284.0 4284.0 4285.0 4285.0 4280.0 4352.0 4352.0	5407						
02S/01W-02H01 S	4350.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85 09/28/85	98.0(1) 100.0(1) 102.0(1) 98.0(1) 100.0(1) 115.0(1) 125.0(1) 121.0(1) 120.0(1)	4252.0 4250.0 4248.0 4252.0 4250.0 4235.0 4225.0 4229.0 4230.0	5407						
02S/01W-02H03 S	4350.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85	111.0(1) 111.0(1) 111.0(1) 111.0(1) 110.0(1) 111.0(1) 109.0(1)	4239.0 4239.0 4239.0 4239.0 4240.0 4239.0 4241.0	5407						
02S/01W-02J01 S	4234.5	09/09/85 09/28/85	126.0(1) 124.0(1)	4108.5 4110.5	5407						
02S/01W-02P01 S	4160.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85 09/28/85	90.0(1) 90.0(1) 90.0(1) 91.0(1) 91.0(1) 91.0(1) 93.0(1) 93.0(1) 93.0(1)	4070.0 4070.0 4070.0 4069.0 4069.0 4069.0 4067.0 4067.0 4067.0	5407						
02S/01W-10J01 S	3660.3	06/22/85 07/06/85 07/13/85 07/20/85 07/28/85 08/04/85 09/09/85 09/15/85 09/28/85	117.0(1) 127.0(1) 142.0(1) 121.0(1) 137.0(1) 132.0(1) 145.0(1) 142.0(1) 147.0(1)	3543.3 3533.3 3518.3 3539.3 3523.3 3528.3 3513.3 3518.3 3513.3	5407						
02S/01W-22H02 S	3120.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/23/85 09/28/85	122.0(1) 123.0(1) 122.0(1) 120.0(1) 44.0 126.0(1) 121.0(1) 124.0(1) 124.0(1)	2998.0 2995.0 2998.0 3000.0 3076.0 2994.0 2999.0 2996.0 2996.0	5407						
02S/01W-23D01 S	3200.0	10/07/84 10/14/84 10/21/84 10/28/84 11/18/84 12/16/84 01/07/85 01/13/85 01/21/85 01/27/85 02/03/85 02/10/85 02/17/85 03/03/85 03/10/85 03/17/85 03/24/85 03/31/85 04/07/85 04/14/85 04/21/85 04/28/85 05/04/85	81.0(1) 81.0(1) 77.0(1) 82.0(1) 84.0(1) 56.0 58.0 75.0(1) 54.0 54.0 70.0(1) 58.0 55.0 60.0 58.0 52.0 75.0(1) 45.0 80.0(1) 82.0(1) 66.0 78.0(1) 78.0(1)	3119.0 3119.0 3123.0 3118.0 3116.0 3144.0 3142.0 3125.0 3146.0 3146.0 3130.0 3142.0 3145.0 3140.0 3142.0 3148.0 3125.0 3155.0 3120.0 3118.0 3134.0 3122.0 3122.0	5407						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y	SANTA ANA NB										
Y-02	SAN JACINTO VALLEY HU										
Y-02.B	SAN JACINTO HA										
Y-02.B1	GILMAN HOT SPRINGS NSA										
03S/01W-03K01 S	2642.8	10/14/84	395.0	2247.8	5407						
		01/19/85	392.0	2250.8							
		06/09/85	406.0	2236.8							
03S/01W-03K03 S	2633.7	10/14/84	398.4	2235.3	5407						
04S/01W-35001 S	1576.0	08/22/85	217.0(1)	1859.0	5875						
Y-02.C	ELSINORE VALLEY HA										
Y-02.C1	ELSINORE NSA										
06S/04W-22N03 S	1277.9	05/01/85	314.0	963.5	2885						
		06/03/85	322.0	955.5							
		07/01/85	329.0	948.5							
		08/01/85	329.0	948.5							
		09/03/85	334.0	943.5							

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z	SAN DIEGO HB					Z	SAN DIEGO HB				
Z-01	SAN JUAN HU					Z-02	SANTA MARGARITA HU				
Z-01.A	LAGUNA HILLS HA					Z-02.C	MURRIETA HA				
Z-01.A3	ALISO NSA					Z-02.C3	FRENCH NSA				
065/08W-26H03 S	414.0	01/23/85	17.1	396.9	5102	075/03W-24D01 S	1145.0	08/22/85	162.0	983.0	5A75
		06/20/85	19.8	394.2							
		09/12/85	20.6	393.4							
Z-01.B	MISSION VIEJO HA										
075/08W-36L01 S	171.3	10/11/84	43.7	127.6	5102						
		01/23/85	36.1	135.2							
		06/20/85	40.5	130.8							
		09/12/85	42.6	128.7							
085/07W-06H03 S	110.0	01/23/85	12.4	97.6	5102						
		06/20/85	14.8	95.2							
		09/12/85	15.1	94.9							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-03 Z-03.A Z-03.A1	SAN DIEGO HB SAN LUIS REY NU LOWER SAN LUIS HA MISSION HSA					Z Z-03 Z-03.C Z-03.C1	SAN DIEGO HB SAN LUIS REY NU WARNER VALLEY HA WARNER HSA				
11S/04W-09L01 S	64.6	10/15/84	8.9	55.8	5202	10S/02E-25E01 S	2730.0	08/15/85 09/16/85	10.3 11.5	2719.7 2718.5	4405
11S/04W-18C04 S	35.0	07/16/85 08/22/85 09/19/85	8.5 8.5 8.2	26.5 26.5 26.8	5205	10S/02E-25H01 S	2755.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85	28.4 28.2 27.9 26.4 26.4 26.2 27.3	2726.6 2726.8 2727.1 2726.6 2728.6 2728.8 2727.7	4405
11S/04W-18C05 S	36.0	07/16/85 08/22/85 09/19/85	5.4 7.9 7.3	30.6 28.1 28.7	5205			06/14/85 07/15/85 08/15/85 09/16/85	27.9 28.7 28.1 28.2	2727.5 2726.3 2726.9 2726.8	
11S/04W-18C09 S	32.0	07/16/85 08/22/85 09/19/85	7.7 8.2 7.2	24.3 23.6 24.8	5205						
11S/04W-18G02 S	38.8	10/15/84 11/19/84 12/24/84 01/21/85 02/05/85 03/28/85 04/18/85 05/23/85 06/06/85 07/05/85 08/15/85 09/12/85	9.9 9.0 29.9 9.0 9.0 9.3 8.5 8.5 9.5 9.8 9.8 9.5	28.9 29.8 8.9 29.8 29.8 29.5 30.3 30.3 29.3 29.0 29.0 29.3	5202	10S/02E-26A01 S	2723.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	3.8 2.9 FLOW 5.6 15.9 15.2 2.4 7.6 9.4 8.5 10.0	2719.9 2720.8 2718.1 2707.8 2708.5 2721.3 2716.1 2714.3 2715.2 2713.7	4405
11S/04W-18L03 S	38.0	10/15/84	9.9	28.1	5202	10S/03E-16E01 S	2940.0	10/15/84 11/15/84 12/14/84 02/15/85 03/16/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	32.2 32.6 32.6 39.4 66.4(1) 36.3 35.8 36.6 38.7(4) 37.8(4) 66.4(1)	2907.8 2907.4 2907.4 2900.6 2873.6 2903.7 2904.2 2903.4 2901.3 2902.2 2873.6	4405
11S/04W-18L19 S		07/16/85	NM-4		5205						
11S/05W-13N01 S		11/19/84	NM-6		5015						
11S/05W-13P02 S		11/19/84	NM-6		5202						
11S/05W-24B01 S		11/19/84	NM-6		5202						
Z-03.C Z-03.C1	WARNER VALLEY HA WARNER HSA					10S/03E-17H01 S	2920.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	21.8 22.1 22.2 23.2 24.3 23.4 23.4 24.1 25.8 25.3 26.3	2898.2 2897.9 2897.8 2896.8 2895.7 2896.6 2896.6 2895.9 2894.2 2894.7 2893.7	4405
10S/02E-24001 S	2726.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	1.4 1.4 FLOW 5.8 16.0 17.1 18.7 20.4 22.1 17.5 23.9	2724.8 2725.8 2720.4 2710.2 2709.1 2707.5 2705.8 2704.1 2708.7 2702.3	4405	10S/03E-19N01 S	2769.9	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	9.7 9.1 8.8 14.4 16.9 18.0 17.5 20.3 22.3 22.2 24.4	2760.7 2760.8 2761.1 2755.5 2753.0 2751.9 2752.4 2749.6 2747.6 2747.7 2745.5	4405
10S/02E-24J01 S	2770.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	13.1 13.6 13.0 16.0 18.3 19.3 19.4 21.5 23.6 23.6 25.5	2756.9 2756.4 2757.0 2754.0 2751.7 2750.7 2750.6 2748.5 2746.8 2746.4 2744.5	4405	10S/03E-19P01 S	2777.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	9.5 9.7 9.5 8.2 8.8 9.6 10.4 11.7 13.2 14.0 15.2	2768.2 2768.0 2768.2 2769.1 2768.9 2768.1 2767.3 2766.0 2764.5 2763.7 2762.5	4405
10S/02E-24R01 S	2763.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	2.6 2.8 2.2 5.7 7.5 8.5 5.9 10.4 11.4 12.4 14.3	2761.0 2760.8 2761.4 2757.9 2756.1 2755.1 2757.7 2753.2 2752.2 2751.2 2749.3	4405	10S/03E-19001 S	2781.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	5.0 4.7 4.1 5.6 3.9 17.5 12.3 11.3 18.0 17.1 22.0	2776.0 2776.3 2776.9 2775.4 2777.1 2763.5 2768.7 2769.7 2763.0 2763.9 2759.0	4405
10S/02E-25A01 S	2741.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	9.2 NM-9 NM-9 9.8 8.1 10.3 11.4 13.5 14.9 13.8 14.8	2732.0 2731.4 2733.1 2730.9 2729.8 2727.7 2726.3 2727.4 2726.4	4405	10S/03E-20N01 S	2791.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW 4.4 6.5 7.3 4.8 9.0 10.3 8.7 11.7	2786.8 2784.7 2783.9 2786.4 2782.2 2780.9 2782.5 2779.5	4405
10S/02E-25C01 S	2733.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.0 3.0 2.3 14.0 15.7 16.6 17.9 20.8 22.8 18.7 24.2	2729.6 2730.6 2731.3 2719.6 2717.9 2717.0 2715.7 2712.8 2710.8 2714.9 2709.4	4405	10S/03E-20P01 S	2800.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.1 4.9 1.0 4.4 9.4 5.3 27.3 28.5 25.2 8.5	2795.9 2799.3 2799.0 2795.6 2790.6 2794.5 2772.7 2771.5 2774.4 2791.5	4405
10S/02E-25E01 S	2730.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	7.3 6.3 6.6 10.4 20.1 7.4 8.2 9.1 10.9	2722.7 2723.7 2729.4 2719.6 2709.9 2722.6 2721.8 2720.9 2719.1	4405						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
7 Z-03 Z-03.C Z-03.C1	SAN DIEGO NB SAN LUIS REY HU WARNER VALLEY NA WARNER MSA					7 Z-03 Z-03.C Z-03.C1	SAN DIEGO NB SAN LUIS REY HU WARNER VALLEY NA WARNER MSA					
105/03E-20001 S	2816.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.0 3.7 3.2 4.0 10.4 7.7 6.9 9.5 10.7 10.6 12.4	2812.6 2812.9 2813.4 2812.6 2806.2 2808.9 2809.7 2807.1 2805.9 2806.0 2804.2	4405	105/03E-30H01 S	2779.6	09/16/85	6.7	2772.9	4405	
						105/03E-31C01 S	2760.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	60.8(1) 74.2 75.3(1) 26.4 47.4 59.3 64.0 66.1 60.0 62.1 69.7	2699.2 2685.8 2684.7 2732.6 2712.6 2700.7 2696.0 2693.9 2700.0 2697.9 2690.3	4405	
105/03E-25J02 S	2755.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	25.4 24.8 24.8 20.0 24.8 28.2 30.4 21.8 31.3 30.7 53.0	2729.6 2730.2 2730.2 2735.0 2730.2 2726.8 2724.6 2733.2 2723.7 2724.3 2722.0	4405	105/03E-31G01 S	2778.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	41.0 39.4 38.3 38.9 103.7(1) 107.7(1) 111.3(1) 114.3(1) 73.4(4) 108.3(1) 101.1(1)	2737.0 2738.6 2739.7 2739.1 2674.3 2670.3 2666.7 2663.7 2704.6 2669.7 2676.9	4405	
105/03E-28P01 S		02/15/85 06/14/85	NM-7 NM-7		4405	105/03E-32C01 S	2784.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	7.5 7.1 6.3 5.0 5.6 6.4 7.3 8.3 9.7 9.1 10.0	2777.1 2777.5 2778.3 2779.6 2779.0 2778.2 2777.3 2776.3 2774.9 2775.5 2774.6	4405	
105/03E-29J01 S		02/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW FLOW FLOW		4405							
105/03E-29J02 S	2815.5	02/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW 17.1 32.5 53.9(4) 40.9(4) 50.9	2798.4 2783.0 2783.0 2761.6 2774.6 2764.6	4405	105/03E-32H01 S	2810.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	16.0 16.1 15.7 34.2 28.6 35.5 19.6 14.4 14.8 14.5 14.7	2794.7 2794.6 2795.0 2776.5 2782.1 2775.2 2791.1 2796.3 2795.9 2796.2 2796.0	4405	
105/03E-29L01 S	2798.5	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.4 5.0 4.8 3.6 3.6 3.9 4.9 6.9 7.6 8.0 8.5	2794.1 2793.5 2793.7 2794.9 2794.9 2794.6 2793.6 2791.6 2790.9 2790.5 2790.0	4405	105/03E-33B01 S	2927.4	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	123.6 122.6 121.0 118.3 126.7 132.3 132.7 132.6 134.6 137.8 135.2	2803.8 2804.8 2806.4 2809.1 2800.7 2795.1 2794.7 2794.8 2792.8 2789.6 2792.2	4405	
105/03E-29M01 S	2766.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	7.7 7.6 6.9 9.8 10.9 11.7 10.8 8.1 14.2 14.5 15.6	2758.3 2758.4 2759.1 2756.2 2755.1 2754.3 2755.2 2757.9 2751.8 2751.5 2750.4	4405	105/03E-33C01 S	2872.9	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	68.5 67.8 66.5 74.0 81.7 96.5 95.2 103.7 118.2(4) 118.7(4) 121.8	2804.4 2805.1 2806.4 2798.9 2791.2 2776.4 2777.7 2794.2 2754.7 2754.2 2751.1	4405	
105/03E-30A01 S		10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW 9.0 11.9 13.3 10.3 15.2 16.5 16.1 18.8	2770.7 2767.8 2766.4 2769.4 2764.5 2763.2 2763.6 2760.9	4405	105/03E-33D01 S	2865.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	64.5 63.7 62.5 55.4 147.5(1) 61.3 61.3 61.3 62.2 60.5 40.6	2800.5 2801.3 2802.5 2799.6 2717.5 2803.7 2803.7 2803.7 2802.8 2804.5 2805.4	4405	
105/03E-30B01 S	2775.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW 8.5 12.6 14.4 10.1 14.3 15.9 15.8 18.4	2766.5 2762.4 2760.6 2764.9 2760.7 2759.1 2759.2 2756.6	4405	105/03E-33E01 S	2848.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	45.8 45.0 43.8 50.4 55.6 56.9 63.0 69.0 66.2 72.2	2802.5 2803.5 2804.8 2797.9 2792.7 2791.4 2785.3 2779.3 2782.1 2776.1	4405	
105/03E-30C01 S	2750.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	5.7 4.8 5.2 7.2 11.4 12.5 12.8 15.0 16.6 17.2 19.2	2744.3 2745.2 2744.8 2742.8 2738.6 2737.5 2737.2 2735.0 2733.4 2732.8 2730.8	4405							
105/03E-30M01 S	2779.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85	2.8 3.2 2.2 2.7 3.8 4.6 5.9 5.9 6.0	2776.8 2776.4 2777.4 2776.9 2775.8 2775.0 2773.7 2773.7 2773.6	4405							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
SAN DIEGO HB SAN LUIS REY HU WARNER VALLEY HA WARNER HSA						SAN DIEGO HB SAN LUIS REY HU WARNER VALLEY HA WARNER HSA					
105/03E-33F01 S	2883.4	10/15/84 11/15/84 12/14/84 02/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	89.7 87.2 84.2 77.7 72.9 70.2 71.3 70.1 68.2 66.3	2793.7 2796.2 2799.2 2805.7 2810.9 2813.2 2812.1 2813.3 2815.2 2817.1	4405	115/03E-06801 S	2790.0	02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	21.2 33.8 102.4(1) 104.0(1) 60.0 92.3 50.7 112.2(1)	2768.8 2756.2 2687.6 2686.0 2730.0 2737.7 2739.3 2677.8	4405
105/03E-33H01 S	2902.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	104.6 101.5 101.4 89.7 86.1 83.1 79.1 119.6 120.3 124.2 122.2	2797.6 2800.7 2800.0 2812.9 2816.1 2819.1 2823.1 2782.6 2781.9 2776.0 2780.0	4405	115/03E-06F01 S	2750.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	48.7 48.4 46.1 44.6 43.8 94.2(1) 62.9(1) 66.2(1) 54.2 51.0 67.6(1)	2701.3 2701.6 2703.9 2705.4 2706.2 2655.8 2687.1 2683.8 2695.8 2699.0 2682.4	4405
105/03E-33L01 S	2843.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	41.8 52.2 55.4 49.5 43.7 43.8 38.0 40.4 39.2 37.4 36.1	2803.9 2793.5 2790.3 2796.2 2802.0 2801.9 2807.7 2805.5 2808.2 2808.3 2809.6	4405	115/03E-06001 S	2750.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	101.1(1) 101.5(1) 89.5(1) 89.8(1) 143.3(1) 97.0(1) 90.2(1) 118.5(1) 85.9 83.8 95.2	2648.9 2648.5 2660.5 2660.2 2606.7 2693.0 2695.8 2631.5 2664.1 2666.2 2664.8	4405
105/03E-33P02 S	2845.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	65.5 63.0 60.0 51.6 46.3 47.3 41.8 42.9 41.6 39.4 37.8	2780.2 2782.7 2785.7 2794.1 2799.4 2798.4 2803.9 2802.8 2804.1 2806.3 2807.9	4405	115/03E-07A01 S	2730.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	14.2 13.7 12.6 9.5 9.5 18.2 14.4 72.6(1) 77.3(1) 82.0(1) 31.5	2715.8 2716.3 2717.4 2720.9 2720.5 2711.8 2715.6 2657.4 2652.7 2648.0 2698.5	4405
105/03E-33R01 S	2882.8	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	97.0 94.3 90.9 82.6 79.2 75.9 72.9 72.3 71.4 69.2 67.0	2785.8 2788.3 2791.9 2800.6 2803.6 2806.9 2809.9 2810.5 2811.4 2813.6 2815.8	4405	115/03E-07001 S	2728.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	28.8 29.1 28.3 26.8 27.2 27.5 27.4 123.3(1) 120.0(1) 132.5(1) 45.9	2699.2 2698.9 2699.7 2701.2 2700.8 2700.5 2700.6 2604.7 2608.0 2593.5 2682.1	4405
115/02E-02A01 S	2718.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	12.1 12.1 12.0 26.4 29.1 30.4 27.6 32.5 34.3 34.8 36.5	2705.9 2705.9 2706.0 2691.6 2688.9 2687.6 2690.4 2685.5 2683.7 2683.2 2681.5	4405	115/03E-03J01 S		10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW FLOW FLOW FLOW FLOW 14.1 168.7(1) 145.2(1) 145.3(1)	2955.9 2801.3 2824.8 2824.7	4405
115/03E-04A01 S	2856.4	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	79.8 79.1 75.4 68.8 66.2 63.0 60.2 58.3 56.1 54.0 51.6	2776.6 2777.3 2781.0 2787.6 2790.2 2793.4 2796.2 2799.1 2800.3 2802.4 2804.8	4405	115/03E-06A01 S	2800.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	40.9 39.1 37.7 35.7 30.6 119.7(1) 120.0(1) 122.3(1) 116.7(1) 112.9(1) 129.7(1)	2759.5 2760.9 2762.3 2764.3 2749.4 2680.3 2680.0 2677.7 2683.3 2687.1 2670.3	4405
115/03E-06R01 S	2790.0	10/15/84 12/14/84	26.4 23.6	2763.6 2766.4	4405						

TABLE D (CONTINUEO)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-03 Z-03.B Z-03.B1	SAN DIEGO M8 SAN DIEGUITO HU MOOGES HA DEL DIOS NSA					Z Z-03 Z-03.C Z-03.C2	SAN DIEGO M8 SAN DIEGUITO HU SAN PASQUAL HA LAS LOMAS MUERTAS NSA				
125/02W-33K01 S	420.0	11/01/84 06/03/85	13.0 13.0	407.0 407.0	5711	125/01W-32M03 S	357.0	05/31/85 06/03/85 07/01/85 08/01/85 09/03/85	12.7 13.5 13.6 13.6 12.7	344.3 343.5 343.4 343.4 344.3	5229
125/02W-33P01 S	395.0	11/01/84 06/03/85	7.3 6.3	387.7 388.7	5711	125/01W-32002 S		03/01/85 04/01/85	NM-9 NM-9		5229
125/02W-33004 S	395.0	11/01/84 06/03/85	5.7 5.7	389.3 389.3	5711	125/01W-32003 S		03/01/85 04/01/85	NM-9 NM-9		5229
135/02W-02C02 S	374.0	11/01/84 06/03/85	10.1 8.6	363.9 363.4	5711	125/01W-33N01 S	378.0	10/03/84 11/01/84 12/03/84 01/02/85 01/02/85 03/31/85 04/01/85	20.4 17.1 15.9 12.4 12.4 NM-9 32.4	357.6 360.9 362.1 363.6 363.6 363.6 364.6	5229
135/02W-02001 S	390.0	11/01/84 06/03/85	13.8 12.6	378.2 377.4	5711	125/01W-33N01 S	378.0	10/03/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	20.4 17.1 15.9 12.4 12.4 NM-9 32.4	357.6 360.9 362.1 363.6 363.6 364.6 364.0	5229
135/02W-02003 S	380.0	11/01/84 06/03/85	8.4 8.2	371.6 371.8	5711	125/01W-34J01 S	414.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	16.7 16.4 15.6 14.0 13.0 12.3 15.4	397.3 397.6 398.4 400.0 401.0 401.5 398.2	5229
135/02W-02F01 S	375.0	11/01/84 06/03/85	16.6 15.8	358.4 359.2	5711	125/01W-34J01 S	414.0	05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	15.4 14.0 14.0 14.4 14.4	398.2 399.0 399.3 397.4 396.4	5229
135/02W-02F02 S	365.0	11/01/84 06/03/85	7.0 4.3	358.0 360.7	5711	125/01W-34J01 S	414.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	16.7 16.4 15.6 14.0 13.0 12.3 15.4	397.3 397.6 398.4 400.0 401.0 401.5 398.2	5229
135/02W-02M01 S	358.4	11/01/84 06/03/85	23.0 21.3	335.4 337.1	5711	125/01W-34P07 S		03/01/85 04/31/85	NM-9 NM-9		5229
135/02W-31R01 S		03/01/85 04/01/85	NM-9 NM-9		5229	125/01W-33A01 S	443.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	30.9 31.5 27.3 22.2 21.2 21.3 22.0	412.3 411.9 416.1 421.2 422.2 422.3 421.4	5229
135/02W-12G01 S	326.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	3.4 2.6 1.3 6.4 1.5 1.6 2.5 1.2 2.7 2.3 3.0 3.2	322.6 323.4 324.7 319.6 324.5 324.4 323.5 324.8 323.3 323.5 323.0 322.8	5229	125/01W-33A01 S	443.4	05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.1 23.1 25.5 28.3 30.3 33.0	420.3 417.9 415.1 413.1 413.4 410.4	5229
135/02W-12N01 S		03/01/85 04/01/85	NM-9 NM-9		5229	125/01W-33B03 S	437.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	42.3 44.0 26.4 21.3 20.2 20.1 20.9	394.7 383.0 410.6 415.7 416.6 416.9 416.1	5229
135/02W-12N02 S		03/01/85 04/01/85	NM-9 NM-9		5229	125/01W-33B03 S	437.0	05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	25.0 26.5 39.4 40.4 29.4	412.0 410.5 407.6 396.6 407.6	5229
135/02W-13C01 S	331.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85	8.8 8.9 7.9 3.2 3.4 3.5 4.3 5.2 6.9 NM-9	322.8 322.7 323.7 328.4 328.2 328.1 327.3 326.4 324.7	5229	125/01W-33B03 S	437.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	42.3 44.0 26.4 21.3 20.2 20.1 20.9	394.7 383.0 410.6 415.7 416.6 416.9 416.1	5229
Z-03.C Z-03.C2	SAN PASQUAL HA LAS LOMAS MUERTAS NSA					125/01W-29001 S	378.8	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	10.6 5.0 4.4 15.6 15.5 16.0 15.2 15.6 5.4 17.2 15.9 15.7	368.2 373.8 374.4 363.2 363.1 363.6 363.2 363.4 371.4 361.6 362.9 363.1	5229
125/01W-29001 S	378.8	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	10.6 5.0 4.4 15.6 15.5 16.0 15.2 15.6 5.4 17.2 15.9 15.7	368.2 373.8 374.4 363.2 363.1 363.6 363.2 363.4 371.4 361.6 362.9 363.1	5229	125/01W-35C01 S	426.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	19.5 19.3 17.7 15.1 15.1 15.1 14.5 14.5 15.2 15.2 19.7	407.0 407.2 408.8 411.4 411.2 412.3 412.0 411.5 411.0 404.6 406.8	5229
125/01W-29N01 S		03/01/85 04/01/85	NM-9 NM-9		5229	125/01W-35C05 S		03/01/85 04/01/85	NM-9 NM-9		5229
125/01W-30A01 S	375.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	13.8 11.7 3.8 4.1 -4 3.5 3.8 3.6 10.9 20.0 12.6 12.3	361.9 364.0 371.9 371.6 376.3 372.2 371.9 372.1 364.8 355.7 363.1 363.4	5229	125/01W-35C06 S	430.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.2 23.5 23.8 19.7 19.9 18.3 18.7 21.1 25.2 24.2 23.2 36.2	406.8 406.9 406.2 410.3 410.1 411.7 411.3 408.9 404.8 405.8 406.8 393.6	5229
125/01W-30A05 S		03/01/85	NM-9		5229	125/01W-35002 S	419.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	15.2 15.3 14.9 10.6 11.1 10.1 10.5 32.7 22.0 14.4 14.8 15.4	404.1 404.0 404.4 408.7 408.2 409.2 408.8 386.6 397.3 404.9 404.5 403.9	5229
125/01W-30J01 S		03/01/85 04/01/85	NM-9 NM-9		5229	125/01W-35F01 S	429.6	10/01/84 11/01/84	22.4 22.8	407.2 406.8	5229
125/01W-31J01 S		03/01/85 04/01/85	NM-9 NM-9		5229						
125/01W-31L03 S		03/01/85	NM-9		5229						
125/01W-32M03 S	357.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	12.1 12.1 12.2 11.8 11.8 12.2 12.4	344.9 344.9 344.8 345.2 345.2 344.8 344.6	5229						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS																																
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY																					
Z Z-05 Z-05.C Z-05.C2	SAN DIEGO NB SAN DIEGUITO MU SAN PASOVAL HA LAS LOMAS NUERTAS MSA					Z Z-05 Z-05.C Z-05.C2	SAN DIEGO NB SAN DIEGUITO MU SAN PASOVAL HA LAS LOMAS NUERTAS MSA																									
125/01W-35F01 S	429.6	12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	22.1 16.6 20.9 38.6 16.9 17.3 18.3 20.7 44.0 22.9	407.5 411.0 408.7 391.0 412.7 412.3 411.3 408.9 385.6 406.7	5229	135/01W-06M01 S	334.3	07/01/85 08/01/85 09/03/85	6.6 7.2 7.2	327.7 327.1 327.1	5229																					
						Z-05.C4	HIDDEN MSA																									
125/01W-35F02 S	429.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	22.9 23.4 22.6 19.5 17.9 17.3 17.7 17.8 18.9 20.7 23.1 23.3	406.6 406.1 406.9 410.0 411.6 412.2 411.8 411.7 410.6 408.8 406.4 406.2	5229	125/01W-07E01 S	718.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	390.5 391.2 389.4 389.0 389.1 392.6 390.2 389.2 391.1 391.8 391.9 392.7	327.5 326.8 326.6 329.0 328.9 325.4 327.8 328.8 325.9 326.2 326.1 325.3	5229																					
						Z-05.D Z-05.01	SANTA MARIA VALLEY MA RAMONA MSA																									
125/01W-35G02 S		03/01/85 04/01/85	NM-9 NM-9		5229	135/01E-10R01 S	1450.0	10/01/84 10/06/84 10/11/84 10/16/84 10/20/84 10/26/84 11/01/84 11/06/84 11/12/84 11/17/84 01/02/85 01/08/85 01/15/85 01/22/85 01/27/85 02/04/85 02/08/85 02/14/85 02/19/85 02/25/85 02/28/85 03/04/85 03/07/85 03/14/85 03/20/85 03/26/85 04/01/85 04/06/85 04/12/85 04/17/85 04/22/85 04/26/85 05/02/85 05/07/85 05/10/85 06/11/85 06/17/85 06/24/85 07/15/85 07/22/85 08/05/85 08/10/85 08/20/85 08/25/85 09/03/85 09/11/85 09/16/85	15.2 15.3 15.3 15.2 15.3 15.2 15.3 15.4 15.5 15.4 13.0 13.0 13.0 10.5 9.3 5.8 5.3 4.6 4.5 4.1 3.8 3.8 5.0(1) 6.0(1) 6.4(1) 6.5(1) 3.3 3.5 3.9 3.8 3.8 5.0 6.0 6.6 8.4(1) 14.2 15.1 15.2 14.0 15.3 16.1 16.2 17.9 18.1 18.1 18.4 18.4	1434.8 1434.7 1434.7 1434.8 1434.7 1434.8 1434.7 1434.6 1434.5 1434.6 1437.0 1437.0 1437.0 1439.3 1440.7 1444.2 1444.7 1449.4 1449.5 1449.9 1446.2 1446.2 1449.0 1444.0 1443.6 1443.7 1446.7 1446.3 1446.3 1446.2 1446.2 1446.2 1445.0 1444.0 1443.4 1441.6 1435.8 1434.9 1434.8 1436.0 1434.5 1433.9 1433.8 1432.1 1431.9 1431.9 1431.6 1431.6	4402																					
125/01W-35H02 S	444.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	33.1 33.7 31.2 25.5 24.3 24.3 25.1 25.4 27.1 30.4 32.0 44.9	411.2 410.6 413.1 418.8 420.0 420.0 419.2 418.9 417.2 413.9 412.3 399.4	5229	125/01W-35L04 S	430.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	405.1 404.6 404.8 406.9 408.6 409.4 408.2 409.1 405.9 407.0 406.0 403.3	5229	125/01W-36001 S		03/01/85 04/01/85	NM-9 NM-9	5229	125/01W-36003 S		03/01/85 04/01/85	NM-4 NM-4	5229	125/01W-36F01 S	458.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	36.7 35.5 25.4 25.0 24.8 25.0 25.1 25.3 27.7 33.2 43.7 38.3	421.8 423.0 433.1 433.5 433.7 433.5 433.4 433.2 430.8 425.3 434.8 420.2	5229	135/01E-11M02 S	1455.5	10/02/84 10/08/84 10/12/84 10/17/84 10/23/84 10/29/84 11/02/84 11/08/84 11/12/84 11/19/84 01/02/85 01/09/85 01/15/85 01/21/85 01/25/85 02/01/85 02/08/85 02/14/85 02/19/85 02/21/85 02/26/85 03/01/85 03/06/85 03/11/85 03/16/85 03/21/85 03/26/85 04/02/85 04/06/85 04/11/85 04/18/85 04/25/85 04/29/85 05/03/85 05/09/85 05/11/85 06/11/85 06/17/85 06/24/85	19.4 20.3 20.4 21.3 21.5 22.2 22.4 22.4 22.6 22.7 13.5 13.5 13.0 12.4 11.3 10.0 9.0 8.9(1) 8.9(1) 8.4(1) 8.3(1) 8.3(1) 7.6(1) 7.0(1) 7.0(1) 7.6(1) 7.6(1) 7.6(1) 6.3(1) 7.3(1) 6.0(1) 10.3(1) 10.9(1) 11.4(1) 12.0(1) 12.4(1) 12.6(1) 16.5 16.5 16.7	1436.1 1435.2 1435.1 1434.2 1434.0 1433.3 1433.1 1433.1 1432.9 1432.6 1442.0 1442.0 1442.5 1443.0 1444.2 1445.5 1446.5 1446.6 1446.6 1447.1 1447.2 1447.2 1447.9 1448.3 1448.3 1447.9 1447.9 1447.9 1449.2 1448.2 1449.5 1445.2 1444.6 1444.0 1443.5 1443.1 1442.9 1439.0 1439.0 1438.8	4402
125/01W-36M01 S	467.1	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	39.2 32.9 31.2 32.0 31.8 32.0 32.3 32.5 33.0 37.6 40.5 44.0	427.9 434.2 435.9 435.1 435.3 435.1 434.8 434.6 434.1 429.5 426.6 423.1	5229	135/01W-03E01 S		03/01/85	NM-9	5229	135/01W-03A02 S	372.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	15.6 15.8 15.3 14.1 13.2 12.9 12.9 13.9 4.8 14.7 14.7 16.3	357.0 356.8 357.5 358.5 359.4 359.7 359.7 358.7 367.8 357.9 357.9 356.3	5229	135/01W-06M01 S	334.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	5.2 5.7 5.9 5.8 5.9 5.9 5.9 5.9 6.1 6.3	329.1 328.6 328.4 328.5 328.4 328.4 328.4 328.4 328.2 328.2 328.0	5229										



TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
I I-03 I-03.0 I-05.01	SAN DIEGO HB SAN DIEGUITO HU SANTA MARIA VALLEY HA RAMONA NSA					I I-03 I-03.0 I-05.01	SAN DIEGO HB SAN DIEGUITO HU SANTA MARIA VALLEY HA RAMONA NSA				
135/01E-11M02 S	1453.3	07/15/85	18.7	1436.8	4402	135/01E-13B01 S	1425.0	04/11/85	6.6(1)	1418.4	4402
		07/23/85	19.3	1436.0				04/16/85	6.6(1)	1418.4	
		07/29/85	20.0	1435.5				04/22/85	6.6(1)	1418.4	
		08/03/85	20.3	1435.0				04/25/85	6.6(1)	1418.4	
		08/10/85	20.7	1434.8				03/01/85	11.1(1)	1413.9	
		08/19/85	20.7	1434.8				03/06/85	12.6(1)	1412.4	
		08/26/85	21.0	1434.5				03/13/85	13.3(1)	1411.7	
		09/03/85	20.7	1434.8				08/19/85	21.3	1403.3	
		09/10/85	21.0	1434.5				08/23/85	21.0	1404.0	
		09/16/85	21.3	1434.0				09/04/85	17.7	1407.3	
		09/23/85	21.0	1434.5				09/11/85	17.7	1407.3	
		09/30/85	20.8	1434.7				09/16/85	17.6	1407.4	
								09/23/85	17.6	1407.4	
								09/30/85	17.3	1407.3	
135/01E-11M04 S	1447.1	10/01/84	31.9(1)	1415.2	4402	135/01E-13M01 S	1410.0	10/03/84	13.4(1)	1396.6	4402
		10/05/84	32.8(1)	1414.3				10/11/84	13.7(1)	1396.3	
		10/11/84	33.5(1)	1413.6				10/15/84	14.0(1)	1396.0	
		10/17/84	33.7(1)	1413.4				10/20/84	14.2(1)	1395.8	
		10/24/84	33.9(1)	1413.2				10/26/84	14.4(1)	1395.6	
		10/30/84	33.9(1)	1413.2				11/01/84	14.6(1)	1395.4	
		11/03/84	33.9(1)	1413.2				11/05/84	14.7(1)	1395.3	
		11/09/84	33.9(1)	1413.2				11/12/84	14.8(1)	1395.2	
		11/16/84	34.0(1)	1413.1				11/16/84	15.0(1)	1395.0	
		07/15/85	30.2(1)	1416.9				01/02/85	11.5(1)	1398.3	
		07/22/85	31.1(1)	1416.0				01/09/85	10.8(1)	1399.2	
		07/29/85	31.6(1)	1415.3				01/13/85	10.3(1)	1399.3	
		08/03/85	32.1(1)	1415.0				01/21/85	9.0(1)	1401.0	
		08/10/85	32.4(1)	1414.7				01/24/85	8.3(1)	1401.3	
		08/19/85	32.6(1)	1414.5				02/01/85	8.0(1)	1402.0	
		08/23/85	33.2(1)	1413.9				02/07/85	7.9(1)	1402.1	
		09/03/85	33.7(1)	1413.4				02/12/85	7.6(1)	1402.4	
		09/23/85	19.6	1427.3				02/15/85	7.6(1)	1402.4	
		09/29/85	19.3	1427.8				02/20/85	7.3(1)	1402.3	
135/01E-13A01 S	1436.3	10/01/84	33.6(1)	1402.7	4402			02/26/85	6.8(1)	1403.2	
		10/06/84	33.9(1)	1402.4				03/01/85	7.1(1)	1402.9	
		10/12/84	34.0(1)	1402.3				03/06/85	7.4(1)	1402.6	
		10/18/84	34.0(1)	1402.3				03/11/85	7.4(1)	1402.6	
		10/28/84	34.0(1)	1402.3				03/18/85	7.2(1)	1402.8	
		11/04/84	34.0(1)	1402.3				03/26/85	7.2(1)	1402.8	
		11/08/84	34.0(1)	1402.3				04/01/85	6.0(1)	1402.0	
		11/12/84	34.0(1)	1402.3				04/05/85	6.1(1)	1401.9	
		11/16/84	33.9(1)	1402.4				04/11/85	6.4(1)	1401.6	
		01/02/85	26.3(1)	1410.0				04/16/85	6.4(1)	1401.6	
		01/07/85	25.8(1)	1410.3				04/22/85	6.3(1)	1401.5	
		01/11/85	25.4(1)	1410.9				04/26/85	6.3(1)	1401.5	
		01/21/85	23.0(1)	1413.3				03/01/85	6.8(1)	1401.2	
		01/28/85	23.0(1)	1413.3				05/06/85	14.0(1)	1396.0	
		02/01/85	21.3(1)	1414.6				05/10/85	14.5(1)	1395.3	
		02/06/85	20.3(1)	1415.8				06/11/85	14.3(1)	1395.7	
		02/12/85	20.0(1)	1416.3				06/17/85	13.1(1)	1394.9	
		02/18/85	20.3(1)	1416.0				06/23/85	15.6(1)	1394.4	
		02/21/85	14.1(1)	1422.2				07/13/85	16.3(1)	1393.7	
		02/26/85	14.0(1)	1422.3				07/22/85	16.6(1)	1393.4	
		03/01/85	12.8(1)	1423.3				07/29/85	15.8(1)	1394.2	
		03/08/85	12.0(1)	1424.3				08/03/85	16.1(1)	1393.9	
		03/13/85	11.3(1)	1424.8				08/13/85	16.8(1)	1393.2	
		03/21/85	10.3	1425.8				08/23/85	17.0(1)	1393.0	
		03/26/85	8.6	1427.7				09/03/85	17.0	1393.0	
		04/01/85	17.0(1)	1419.3				09/11/85	16.6	1393.4	
		04/05/85	17.4(1)	1418.9				09/16/85	16.3	1393.3	
		04/11/85	18.0(1)	1418.3				09/23/85	16.3	1393.3	
		04/15/85	18.8(1)	1417.5				09/30/85	16.2	1393.8	
		04/19/85	19.8(1)	1416.5							
		04/26/85	19.9(1)	1416.4							
		03/01/85	20.0(1)	1416.3							
		03/06/85	20.9(1)	1415.4							
		03/10/85	21.6(1)	1414.7							
		06/11/85	26.4(1)	1409.9							
		06/17/85	27.3(1)	1408.8							
		06/24/85	27.7(1)	1408.6							
		07/13/85	28.0(1)	1408.3							
		07/20/85	31.2(1)	1405.1							
		07/29/85	31.7(1)	1404.6							
		08/03/85	33.0(1)	1403.3							
		08/10/85	32.7(1)	1403.6							
		08/18/85	33.0(1)	1403.3							
		08/23/85	33.3(1)	1402.8							
		09/02/85	33.1(1)	1403.2							
		09/24/85	21.2	1415.1							
		09/30/85	21.0	1415.3							
135/01E-13B01 S	1423.0	10/01/84	14.1	1410.9	4402						
		10/06/84	14.9	1410.1							
		10/11/84	16.0	1409.0							
		10/16/84	13.9	1409.1							
		10/22/84	13.2	1409.8							
		10/26/84	14.4	1410.6							
		11/01/84	13.2	1411.8							
		11/07/84	13.0	1412.0							
		11/12/84	13.0	1412.0							
		11/16/84	13.0	1412.0							
		01/02/85	12.9	1412.1							
		01/09/85	12.4	1412.6							
		01/13/85	12.0	1413.0							
		01/21/85	7.3	1417.3							
		01/26/85	7.3	1417.7							
		02/01/85	7.1	1417.9							
		02/07/85	7.3	1417.7							
		02/11/85	6.9	1418.1							
		02/19/85	6.8	1418.2							
		02/23/85	6.8	1418.2							
		02/28/85	7.3	1417.7							
		03/04/85	7.6	1417.4							
		03/11/85	8.1	1416.9							
		03/15/85	8.1(1)	1416.9							
		03/21/85	7.5(1)	1417.3							
		03/26/85	7.5(1)	1417.3							
		04/01/85	6.6(1)	1415.4							
		04/06/85	6.6(1)	1418.4							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-07 Z-07.A Z-07.42	SAN DIEGO HB SAN DIEGO RIVER HU LOWER SAN DIEGO HA SANTEE HSA					Z Z-07 Z-07.A Z-07.A5	SAN DIEGO HB SAN DIEGO RIVER HU LOWER SAN DIEGO HA EL MONTE HSA				
155/01E-17801 5	430.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	19.2 19.5 19.7 19.6 17.9 17.3 17.2 17.2 19.3 20.0 20.5 20.7	410.8 410.5 410.3 410.4 412.5 412.7 412.8 412.8 410.7 410.0 409.5 409.3	5400	155/01E-16C02 5		01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9	5400	
						155/01E-16C03 5		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
						155/01E-16C04 5		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
135/01E-17802 5	425.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	16.4 16.7 16.8 16.7 15.7 15.4 15.2 19.2 16.6 17.2 17.5 17.6	408.6 408.3 408.2 408.3 409.3 409.6 409.8 409.8 408.4 407.8 407.5 407.4	5400	155/01E-16E01 5		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
						I-07.0 I-07.02	BOULDER CREEK HA SPENCER HSA				
						135/04E-05001 5	4200.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/02/85 09/03/85	18.0 12.0 10.0 27.0 24.0 20.0 21.0 24.0 25.0 27.0 27.0 12.0	4182.0 4186.0 4190.0 4173.0 4176.0 4180.0 4179.0 4176.0 4175.0 4173.0 4173.0 4188.0	4326
155/01E-17H02 5	430.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	18.6 18.8 18.9 18.7 17.8 17.6 17.8 17.9 18.9 19.6 20.0 20.0	411.4 411.2 411.1 411.3 412.2 412.2 412.2 412.1 411.1 410.4 410.0 410.0	5400	135/04E-06401 5	4220.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/02/85 09/03/85	80.0 35.0 85.0 80.0 74.0 84.0 82.0 80.0 80.0 84.0 84.0 89.0	4140.0 4185.0 4133.0 4140.0 4146.0 4136.0 4138.0 4140.0 4140.0 4136.0 4136.0 4131.0	4326
155/01E-17H07 5	433.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	18.8 19.2 19.2 18.9 18.1 18.1 18.0 18.1 19.1 19.8 20.4 20.7	416.2 415.8 415.8 416.1 416.9 416.9 417.0 416.9 419.9 415.2 414.6 414.3	5400	135/04E-06402 5	4210.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/02/85 09/03/85	20.0 30.0 28.0 24.0 21.0 27.0 22.0 30.0 30.0 31.0 52.0	4190.0 4180.0 4182.0 4186.0 4189.0 4183.0 4188.0 4180.0 4180.0 4179.0 4179.0 4158.0	4326
155/01E-20804 5	476.6	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	14.4 22.5 23.1 22.6 22.4 24.4 14.8 17.7 14.1 23.3 24.1 22.2	462.2 454.1 453.5 454.0 454.2 452.2 461.8 458.9 462.5 453.3 452.5 454.4	5400						
Z-07.43	EL MONTE HSA										
155/01E-09P01 5	445.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	15.7 15.8 15.7 15.6 15.6 15.7 15.7 15.9 16.4 16.6 16.7	429.3 429.2 429.3 429.4 429.4 429.4 429.3 429.3 429.1 428.6 428.4 428.3	5400	155/01E-09002 5		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
155/01E-09R01 5		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9		5400						
155/01E-10N01 5	450.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	9.6 9.7 9.7 9.6 9.6 9.8 9.9 10.0 10.5 10.9 11.8 11.5	440.4 440.3 440.3 440.4 440.4 440.2 440.1 440.0 439.5 439.1 438.2 438.5	5400	155/01E-16R01 5		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
155/01E-16C02 5		10/01/84	NM-9		5400						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-09 Z-09.8 Z-09.81	SAN DIEGO HB SWEETWATER HU MIDDLE SWEETWATER NA JAMACHA H54					Z Z-11 Z-11.4 Z-11.41	SAN DIEGO HB TIJUANA HU TIJUANA VALLEY H4 SAN YSIDRO H54				
165/D1E-31003 S	325.8	11/06/84 11/13/84 12/31/84 01/04/85 01/14/85 01/18/85 01/25/85 03/26/85 08/19/85	6.3 5.9 5.7 5.5 5.3 5.3 5.9 7.0 9.0	319.5 319.9 320.1 320.3 320.5 320.5 319.9 318.8 316.8	6100	195/02V-01N02 S	50.2	10/22/84 11/20/84 12/17/84 01/18/85 02/19/85 03/15/85 04/22/85 05/22/85 06/18/85 07/17/85 08/30/85 09/30/85	13.1 14.4 14.5 13.6 14.0 14.1 14.5 14.9 15.2 15.5 15.7 16.2	37.1 39.8 39.7 36.6 36.2 36.1 35.7 35.3 35.0 34.7 34.5 34.0	5015
						195/02V-02K01 S	44.9	10/22/84 11/20/84 12/17/84 01/18/85 02/19/85 03/15/85 04/22/85 05/22/85 06/18/85 07/17/85 08/30/85 09/30/85	10.8 11.0 10.6 10.1 10.3 10.4 10.9 11.2 11.7 12.1 12.4 12.7	34.1 33.9 34.3 34.8 34.6 34.5 34.0 33.7 33.2 32.8 32.5 32.2	5015
						Z-11.0 Z-11.01	MONUMENT H4 PINE H54				
						195/04E-25N01 S	3650.0	10/11/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	13.0 13.8 11.8 11.4 12.0 10.3 10.8 14.0 19.8 31.4 24.1 30.0	3637.0 3636.2 3638.2 3638.6 3638.0 3619.7 3639.2 3638.0 3630.2 3618.6 3620.7 3620.0	5723
						195/04E-25N01 S	3640.0	10/11/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 23.0 65.5 20.0 20.0	3635.0 3635.0 3635.0 3635.0 3635.0 3635.0 3635.0 3635.0 3637.0 3574.5 3620.0 3620.0	5725
						195/04E-26J01 S	3851.0	10/31/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	50.0 63.5 59.0 58.0 56.0 57.6 54.0 61.0 61.0 63.7 64.0 61.0	3801.0 3787.5 3792.0 3793.0 3795.0 3795.4 3799.0 3790.0 3790.0 3787.3 3783.0 3790.0	5723
						195/04E-26R01 S	3645.0	10/11/84 01/31/85 02/28/85 03/31/85 04/10/85 05/31/85 06/30/85 07/31/85 08/11/85 09/30/85	9.0 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 10.0 6.0	3636.0 3635.0 3639.0	5723
						195/04E-36E01 S	4000.0	10/31/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/10/85 06/30/85 07/31/85 08/31/85 09/30/85	12.5 23.5(1) 12.5 15.5 12.5 15.5 11.5 13.5 13.5 13.5 11.5	3987.5 3976.5 3987.5 3986.5 3987.5 3986.5 3988.5 3986.5 3986.5 3986.5 3986.5	5725



## **APPENDIX E**

### **GROUND WATER QUALITY**



## APPENDIX E

### GROUND WATER QUALITY

Appendix E presents the results of chemical analyses of ground water samples collected in Southern California from October 1, 1984 to September 30, 1985. The data are grouped into four categories:

Table	Title
E-1	Mineral Analyses of Ground Water
E-2	Minor Element Analyses of Ground Water
E-3	Miscellaneous Analyses of Ground Water
E-4	Nutrient Analyses of Ground Water

Ground water quality stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Areal code numbers appear in the tables to the left of the hydrologic area names, and the data listed thereunder are in that hydrologic area. The number of quality stations precludes plotting each individual well on maps in this publication. Instead, Figure 8 shows the location of the ground water basins in which the water samples were taken.

To facilitate station location, the cross reference on the following page relates the hydrologic areas to the ground water basins shown on Figure 8 and lists the respective areal codes. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. The cross reference also lists the page numbers on which the analyses may be found. (The number of pages referenced indicates the extent of analysis of each station.)

The location of a well can be approximated by the well number. The numbering system for the wells is described in Appendix D, page 73.

In order to increase the amount of information in the water quality tables, multiple headings are used at the top of the column, and data are tabulated respectively. For example, the first column of Table E-1 shows the date of sampling printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

Abbreviations and codes used in the tables are explained at the beginning of each table.

# APPENDIX E CROSS REFERENCE GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Data on page	Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Data on page
		CENTRAL COAST	HB				LA SAN GABRIEL RIVER	HU	
		ESTERO BAY	HU			Coastal Plain	HA		
		Cambria	HA			West Coast	HSA	U-05.A2	103
3-33	San Carpoforo Valley	San Carpoforo	HSA	T-10.A1	81	Coastal Plain- Los Angeles County			
3-34	Arroyo de la Cruz Valley	Arroyo de la Cruz	HSA	T-10.A2	81	Coastal Plain- Los Angeles County		U-05.A3	06
3-35	San Simeon	San Simeon	HSA	T-10.A2	81	Coastal Plain- Los Angeles County			
3-36	Santa Rosa Valley	Santa Rosa Creek	HSA	T-10.A4	81	Central	HSA	U-05.A5	106
3-37	Villa Valley	Villa	HSA	T-10.A5	81				
		Point Buchon	HA			Raymond	HA		
3-41	Morro Valley	Morro	HSA	T-10.B1	81	San Gabriel Valley	HSA	U-05.C1	107
3-42	Chorro Valley	Chorro	HSA	T-10.B2	81	San Gabriel Valley	HSA	U-05.C3	108
3-8	Los Osos Valley	Los Osos	HSA	T-10.B3	81				
3-9	San Luis Obispo Valley	San Luis Obispo Creek	HSA	T-10.B4	81	San Gabriel Valley	HA		
3-10	Pismo Creek Valley	Pismo	HSA	T-10.B6	82	San Gabriel Valley	HSA	U-05.O1	108
		Arroyo Grande	HA			Spadra	HA		
3-11	Arroyo Grande Valley	Oceano	HSA	T-10.C1	82	Upper Santa Ana Valley	HSA	U-05.E3	108
	Nipomo Mesa Area	Nipomo Mesa	HSA	T-10.C2	83		Live Oak		
3-19	Carrizo Plain	CARRIZO PLAIN	HU	T-11	84	Anaheim	HA		
		SANTA MARIA	HU			Coastal Plain-Orange Co.	HSA	U-05.F1	108
3-12	Santa Maria River Valley	Guadalupe	HA	T-12.A	84	Coastal Plain-Orange Co.	HSA	U-05.F2	110
	Santa Maria River Valley	Sisquoc	HA	T-12.B	35	Coastal Plain-Orange Co.	HSA	U-05.F3	110
3-13	Cuyama Valley	Cuyama Valley	HA	T-12.C	85				
		SANTA YNEZ	HU			SOUTH LAHONTAN	HB		
3-15	Santa Ynez River Valley	Lompoc	HA	T-14.A	85	ANTELOPE	HU		
	Santa Ynez River Valley	Santa Rita	HA	T-14.B	86	Chafter	HA		
3-15	Santa Ynez River Valley	Buellton	HA	T-14.C	87	Willow Springs	HSA	W-26.A3	111
3-15	Santa Ynez River Valley	Los Olivos	HA	T-14.D	88	Rock Creek	HSA	W-26.A8	111
		SOUTH COAST	HU			MOJAVE	HU		
		Coal Oil Point	HA			El Mirage Valley	HA	W-28.A	111
3-17	Santa Barbara Basin	Santa Barbara	HSA	T-15.B2	89	Upper Mojave River Valley			
		LOS ANGELES	HB			Middle Mojave River Valley	HA	W-28.B	111
		VENTURA RIVER	HU			Middle Mojave Valley	HA	W-28.C	111
4-3	Ventura River Valley	Upper Ventura Rr	HA	U-02.B	90	Lower Mojave River Valley	HA	W-28.E	111
		Ojai	HA			Newberry Springs	HA		
4-1	Upper Ojai Valley	Upper Ojai	HSA	U-02.C1	90	Troy Valley	HSA	W-28.F2	111
4-2	Ojai Valley	Ojai Valley	HSA	U-02.C2	90		Afton	HA	
		SANTA CLARA CALLEGUAS	HU			Caves Canyon Valley	HSA	W-28.G1	111
		Oxnard Plain	HA						
4-4	Santa Clara River Valley	Oxnard	HSA	U-03.A1	92				
4-6	Pleasant Valley	Pleasant Valley	HSA	U-03.A2	95				
		Santa Paula	HA						
4-4	Santa Clara River Valley	Sulphur Springs	HSA	U-03.B1	96				
4-4	Santa Clara River Valley	Sisar	HSA	U-03.B2	98				
		Gespe	HA						
4-4	Santa Clara River Valley	Fillmore	HSA		98				
		Piru	HA						
4-4	Santa Clara River Valley	Santa Felicia	HSA	U-03.D1	99				
		Upper Piru	HSA	U-03.D2	99				
4-18	Hungry Valley	Hungry Valley	HSA	U-03.D3	99				
4-17	Lockwood Valley	Stauffer	HSA	U-03.D4	99				
		Upper Santa Clara River	HA						
4-4.07	Santa Clara River Valley								
	Eastern Oasin	Eastern	HSA	U-03.E1	99				
4-5	Acton Valley	Acton	HSA	U-03.E5	100				
		Calleguas-Conejo	HA						
4-8	Las Posas Valley	West Las Posas	HSA	U-03.F1	100				
4-8	Las Posas Valley	East Las Posas	HSA	U-03.F2	100				
4-7	Arroyo Santa Rosa Valley	Arroyo Santa Rosa	HSA	U-03.F3	101				
4-21	Conejo-Tierra Rejada	Conejo Valley	HSA	U-03.F4	101				
	Volcanic Areas								
4-21	Conejo-Tierra Rejada	Tierra Rejada Valley	HSA	U-03.F5	101				
	Volcanic Areas								
		Simi Valley	HSA	U-03.F7	102				
4-19	Thousand Oaks Area	Thousand Oaks	HSA	U-03.F8	102				
		MALIBU	HU						
		Malibu Creek	HA						
4-21	Conejo-Tierra Rejada	Sherwood	HSA	U-04.B6	102				
	Volcanic Areas								

\*See page 2.  
\*\*See Figure 2



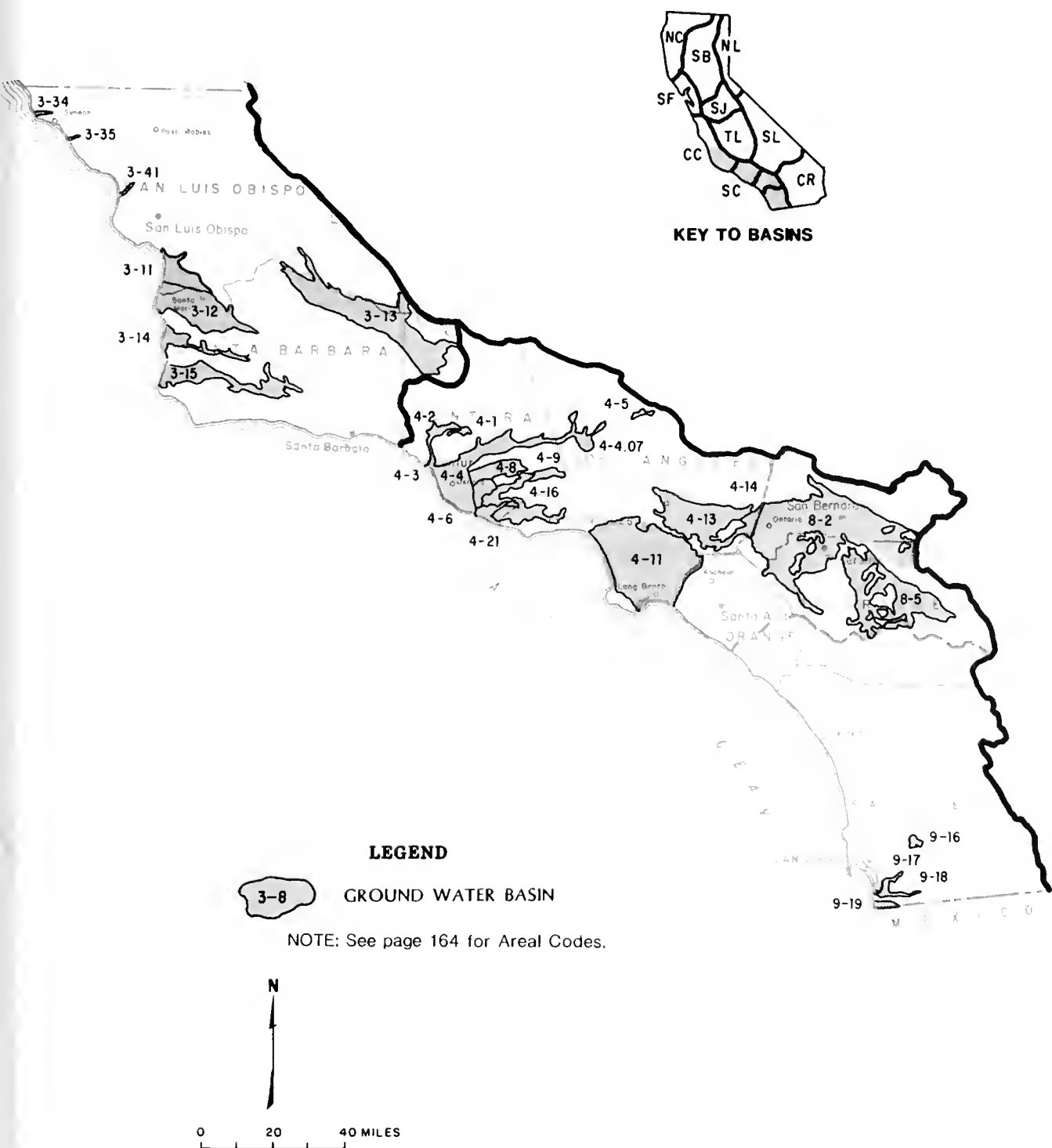


Figure 8 LOCATION OF GROUND WATER BASINS-QUALITY  
CENTRAL COASTAL & SOUTH COASTAL BASINS

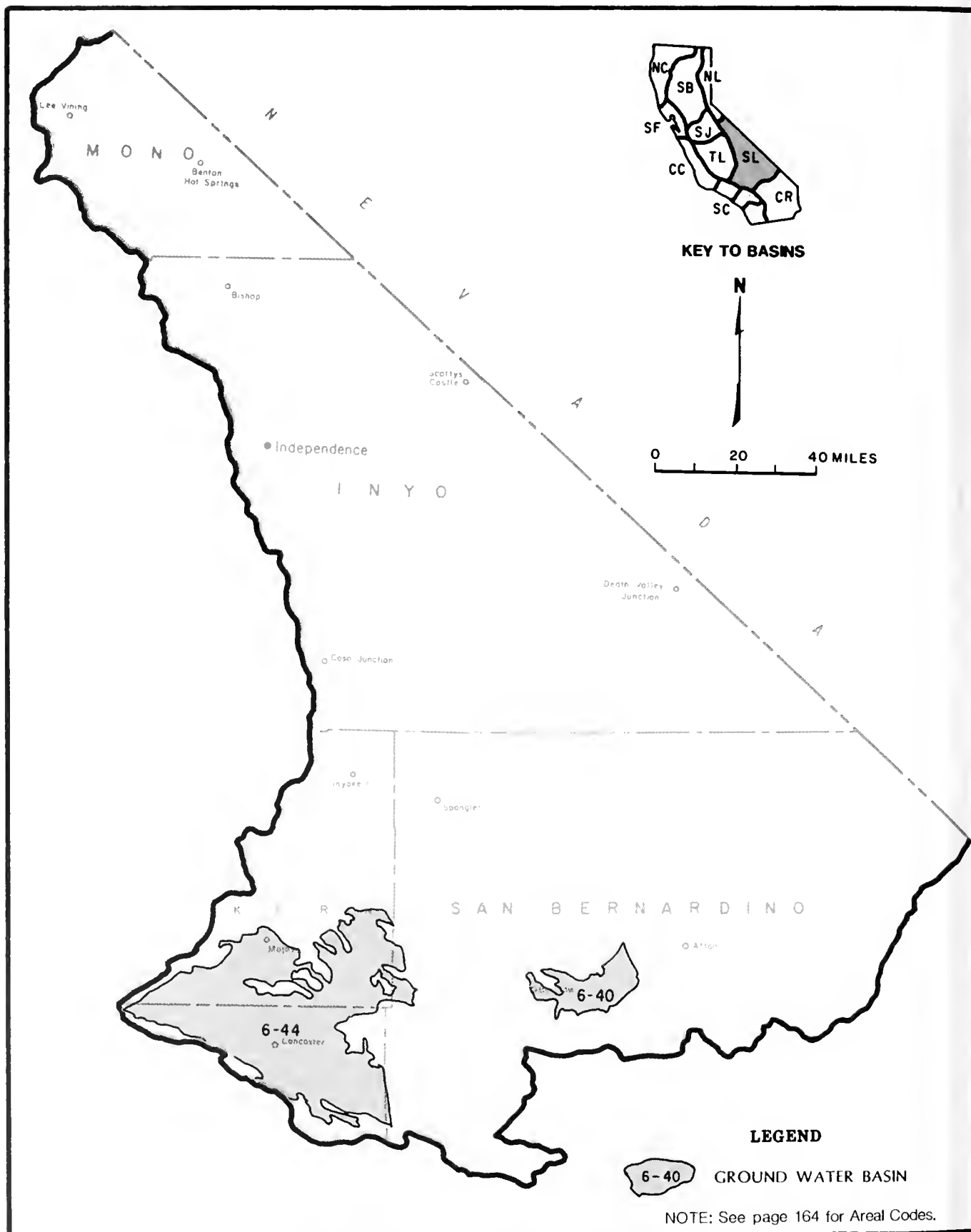


Figure 8 LOCATION OF GROUND WATER BASINS-QUALITY  
SOUTH LAHONTAN BASIN

# TABLE E

## MINERAL ANALYSES OF GROUND WATER

### Lab and Sampler Agency Code

1101 – Los Angeles County Flood Control District  
 4740 – Southern California Edison Company  
 5050 – California Department of Water Resources  
 5064 – California Department of Water Resources, Castaic Lab  
 5117 – San Luis Obispo County Flood Control and Water Conservation District  
 5121 – Ventura County Flood Control District  
 5867 – Fruit Growers Laboratory  
 5875 – Eastern Municipal Water District  
 8090 – Ventura County

### Abbreviations and Constituents

TIME – Pacific Standard Time on a 24-hour clock  
 TEMP – Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)  
 Field – Determined in the field  
 Laboratory – Determined in the laboratory  
 pH – Measure of acidity or alkalinity of water  
 EC – Electrical conductance in microseimens at 25°C

#### Constituents:

B	–	Boron	K	–	Potassium
CA	–	Calcium	MG	–	Magnesium
CACO3	–	Calcium Carbonate	NA	–	Sodium
CL	–	Chloride	NO3	–	Nitrate
F	–	Fluoride	SIO2	–	Silica
			SO4	–	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units: milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TURB – Jackson Turbidity Units measured with a Hach Nephelometer (A), if in the field (F)  
 TDS – Gravimetric determination of total dissolved solids at 180°C (value followed by \* is a determination at 105°C)  
 SUM – Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight  
 TH – Total Hardness  
 NCH – Noncarbonate hardness – any excess of total hardness over total alkalinity  
 SAR – Sodium Adsorption ratio  
 ASAR – Adjusted sodium adsorption ratio

(Continued on next page)

- REM - Remarks; code letter are:
- T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.
  - S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5$  percent.
  - X - The field EC and the lab EC are not within 20 percent of each other.
  - C - The electrical conductivity divided by the EC-EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.
  - E - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.

TABLE E-1  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLE LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				TDS SIM	TH NCM	SAR ASAR	REM
					CA	MG	NA	K	CACO3	SO4	CL	NO3	TYPE	S102						
CENTRAL COAST NR ESTERO RAY MU CAMARIA HA APROYO DE LA CRUZ NSA																				
04/19/85 1200	5117 5050	65 18	F C		38 1.90 38	29 2.38 48	16 .70 14	1.3 .03 1	194 1.88 76	32 .67 13	18 .51 10	2.9 .05 1	.1 --	.1 --	239 254	214 20	0.5 1.0			
SAN SIMON HSA																				
04/19/85 1300	5117 5050	65 18	F C	8.2	54 2.69 36	45 3.70 50	24 1.04 14	1.3 .03 0	270 5.39 72	50 1.04 14	35 .99 13	4.0 .06 1	.1 --	.2 --	369 375	320 50	0.6 1.4			
275/08E-08R02 H																				
04/19/85 1500	5117 5050	75 24	F C	8.1	56 2.79 20	85 6.99 49	99 4.31 30	2.6 .07 0	277 5.53 79	27 .56 4	266 7.50 54	26.0 .42 3	.1 --	.3 --	752 728	489 213	1.9 4.9			
275/08E-09R02 H																				
04/19/85 1415	5117 5050			8.3	58 2.89 41	39 3.21 45	22 .96 14	1.2 .03 0	266 5.31 76	44 .92 13	25 .71 10	4.0 .06 1	.2 --	.2 --	327 353	305 40	0.5 1.3			
275/08E-10G01 H																				
04/19/85 1400	5117 5050	70 21	F C	8.2	53 2.64 42	34 2.80 45	18 .78 12	1.0 .03 0	239 4.78 76	47 .98 16	18 .51 8	2.0 .03 0	.2 --	.2 --	305 317	272 33	0.5 1.1			
POINT RICHMON HA MOPPO HSA																				
04/22/85 1500	5117 5050	70 21	F C	8.3	64 3.19 33	55 4.52 47	43 1.87 19	.7 .02 0	328 6.55 69	62 1.29 14	56 1.58 17	1.2 .02 0	.1 --	.3 --	469 479	386 58	1.0 2.4			
295/11E-17A01 H																				
04/19/85 0930	5117 5050	70 21	F C	8.2	65 3.24 32	52 4.28 43	58 2.52 25	1.2 .03 0	383 7.65 76	48 1.00 10	47 1.33 13	5.3 .09 1	.2 --	.4 --	496 506	376 0	1.3 3.4			
295/11E-19J01 H																				
04/19/85 0900	5117 5050	70 21	F C	8.3	48 2.40 25	63 5.18 53	50 2.19 22	.8 .02 0	352 7.03 73	38 .79 8	64 1.80 19	2.5 .04 0	.1 --	.3 --	512 477	379 28	1.1 2.9			
APROYO GRANDE HA OCEANO HSA																				
04/16/85 0930	5117 5050	61.0F 16.1C		8.3	97 4.84 49	46 3.78 38	28 1.22 12	2.6 .07 1	272 5.43 55	186 3.97 39	20 .56 6	1.4 .03 0	.0 --	.5 --	588 544	431 160	0.6 1.5			
NIPOMES HSA																				
04/19/85 1410	5117 5050	86.0F 30.0C		8.2	53 2.64 40	23 1.89 29	46 2.00 30	2.8 .07 1	122 2.44 37	136 2.83 43	48 1.35 20	.9 .01 0	.1 --	.3 --	459 383	226 105	1.3 2.3	E		
11N/35W-09R01 S																				
04/19/85 1445	5117 5050	70.0F 21.1C		7.9	13 .65 23	7.0 .58 21	35 1.52 54	2.6 .07 2	44 .88 31	16 .33 12	50 1.41 50	12.9 .21 7	.0 --	.1 --	204 163	62 18	1.9 1.9	T		
SANTA MARIA HU GUANALUPE HA																				
07/24/85 1000	5050 0000				500 659 21	26 1.30 22	16 1.32 56	78 3.39 1	3.4 .09 14	42 .84 14	59 1.23 21	128 3.61 61	14.0 .23 4	.1 --	.3 --	416 350	131 89	3.0 3.6	Y	
10N/33W-07R02 S																				
07/24/85 1200	5050 0000				900 1020 49	128 6.39 49	51 4.19 32	56 2.48 19	.2 .11 1	197 3.94 31	378 7.87 61	39 1.10 9	.0 .00 0	.1 --	.7 --	435 774	529 332	1.1 2.6	E C	
10N/33W-35C01 S																				
07/24/85 1300	5050 0000	64 18	F C	7.7	950 6.39 46	128 6.39 46	55 4.52 32	69 3.00 21	2.5 .06 0	216 4.32 31	390 8.12 59	45 1.27 9	1.5 .02 0	.2 --	.6 --	908 821	546 330	1.3 3.2	EX	
10N/35W-07E03 S																				
07/22/85 1430	5050 0000				7.3 2340 51	2100 15.22 35	305 10.28 35	94 4.09 14	4.8 .12 0	258 5.19 17	990 20.41 70	130 3.67 12	6.2 .10 0	.2 --	.7 --	1990 1810	1280 1018	1.1 3.2	E C	
10N/35W-09N02 S																				
07/22/85 1700	5050 0000	68 20	F C	8.0	1030 5.54 43	111 4.57 45	55 2.70 21	62 .09 1	172 3.44 27	369 7.68 61	49 1.38 11	8.5 .14 1	.2 --	.4 --	902 762	503 331	1.2 2.8	E		
10N/35W-24R02 S																				
07/22/85 1730	5050 0000	65 18	F C	7.6	2230 10.08 37	202 10.08 32	106 8.72 32	190 6.27 10	9.0 .20 1	345 6.89 25	564 11.74 43	259 7.30 27	99.0 1.60 6	.4 --	.7 --	1770 1635	940 596	2.7 7.6	E	

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER							
				CA	MG	NA	K	CaCO3	SO4	CL	NO3	TJRS	SI02	TDS SM	TH NCH	SAR ASAR	PER		
T-12 T-12.4																			
CENTRAL COAST HB SANTA MARIA HI GIAOALTIPE HA																			
10H/36W-11901 S																			
07/22/85	5050			7.4	900	105	51	51	3.3	210	292	43	2.9	.1	.4	775	472	1.0	F
1500	0000			8.0	1030	5.24	4.19	2.22	.08	4.20	6.08	1.21	.05	--	--	574	262	2.5	F
11H/34W-30001 S																			
07/24/85	5050	62 F		800	105	40	56	2.9		180	292	37	4.2	.1	.6	687	426	1.2	F
1100	0003	17 C	7.9	970	5.24	3.29	2.44	.07		3.60	6.08	1.04	.07	--	--	645	247	2.7	F
11H/35W-33F01 S																			
07/22/85	5050	62 F		1650	220	80	96	4.9		328	564	72	80.0	.2	.6	1440	878	1.4	E
1645	0000	17 C	7.9	1840	10.98	6.58	4.26	.13		6.55	11.74	2.03	1.29	--	--	1316	951	4.0	E
11H/35W-33G01 S																			
07/22/85	5050	62 F		1100	153	54	66	3.5		258	364	44	52.0	.3	.5	990	604	1.2	F
1620	0000	17 C	7.9	1300	7.63	4.44	2.87	.09		5.15	7.58	1.24	.84	--	--	891	346	3.0	F
T-12.8																			
515000C HA																			
09H/33W-02407 S																			
07/24/85	5050	64 F		1100	127	70	71	3.4		235	394	62	12.4	.2	.6	957	604	1.3	F
1545	0000	14 C	7.9	1310	6.34	5.76	3.09	.09		4.70	8.24	1.75	.29	--	--	883	370	3.2	F
09H/33W-02409 S																			
07/24/85	5050	63 F		700	65	43	63	4.5		127	268	43	8.2	.1	.5	607	338	1.5	Y
1315	0000	17 C	7.7	886	3.24	3.54	2.74	.12		2.54	5.58	1.21	.11	--	--	571	212	3.1	Y
T-12.C																			
CUYAMA VALLEY HA																			
09H/24W-33M01 S																			
07/23/85	5050			900	70	10	173	3.6		246	198	91	3.6	.3	.8	709	215	5.1	Y
1600	0000			7.9	1140	3.49	8.2	7.53	.09	4.92	4.12	2.57	.06	--	--	697	0	11.0	Y
09H/25W-13801 S																			
07/23/85	5050	60 F		1350	204	86	58	4.1		128	817	9.0	2.1	.2	.9	1370	842	0.9	F
1619	0000	16 C	7.6	1590	10.18	7.07	2.52	.10		2.56	17.01	.25	.03	--	--	1257	715	2.1	F
09H/26W-01F02 S																			
07/23/85	5050			1700	185	112	118	5.0		144	974	10	1.9	.1	.7	1670	922	1.7	F
1215	0000			7.8	1900	9.23	9.21	5.13	.13	2.88	20.28	.28	.01	--	--	1492	779	4.2	F
10H/25W-17R01 S																			
07/23/85	5050	64 F		2350	375	156	126	8.0		232	1480	25	28.0	.4	1.0	2560	1380	1.4	E
1500	0000	18 C	7.7	2710	16.71	12.83	5.48	.20		4.64	10.81	.71	.45	--	--	2338	1346	3.9	E
10H/25W-23E02 S																			
07/23/85	5050	75 F		1750	204	97	140	9.0		84	1040	40	2.5	.5	.8	1770	908	2.0	F
1525	0000	24 C	7.8	1980	10.18	7.98	6.09	.20		1.88	21.65	1.11	.04	--	--	1582	825	4.5	F
10H/25W-30E03 S																			
07/23/85	5050	68 F		1600	223	106	81	4.3		155	946	16	19.0	.2	.7	1640	992	1.1	F
1320	0000	20 C	7.8	1840	11.13	8.72	3.52	.11		3.10	19.70	.45	.11	--	--	1488	838	2.8	F
10H/25W-04R01 S																			
07/23/85	5050			1750	210	116	114	7.0		146	1030	29	.7	.6	1.3	1790	1000	1.6	E
1105	0000			7.8	2010	10.48	9.54	4.96	.18	2.92	21.44	.82	.01	--	--	1595	856	3.9	E
10H/27W-03L02 S																			
07/23/85	5050			1250	165	48	114	3.5		165	589	38	24.0	.2	.7	1180	609	2.0	F
1700	0000			7.8	1470	8.23	3.95	4.96	.09	3.30	12.26	1.07	.39	--	--	1081	444	4.8	F
10H/27W-11C01 S																			
07/23/85	5050	7.3		5000	577	341	505	14		414	3240	67	4.9	1.2	1.1	5780	2840	4.1	F
1015	0000	7.4		5510	28.79	28.04	21.97	.36		8.27	67.45	1.89	.08	--	--	4998	2430	13.3	F
10H/33W-36A01 S																			
07/24/85	5050	67 F		1100	143	83	144	3.7		272	615	89	1.8	.5	.9	1400	748	2.3	F
1400	0000	19 C	7.8	1790	8.13	6.83	4.26	.09		5.43	12.87	2.51	.03	--	--	1266	477	6.1	F
T-13																			
SAN ANTONIO HU																			
08H/33W-20002 S																			
07/24/85	5050	73 F		750	86	30	66	4.4		223	177	56	.1	.2	.3	599	338	1.6	
1630	0000	23 C	7.8	886	4.29	2.47	2.87	.11		4.42	3.69	1.58	.00	--	--	542	117	3.6	
08H/33W-20001 S																			
07/24/85	5050			1500	--	--	--	--		--	286	167	2.0	--	--	1100	640		
1645	0000			1610	--	--	--	--		--	5.95	4.71	.03	--	--				
08H/34W-24E02 S																			
07/24/85	5050	67 F		1170	116	43	126	3.0		294	202	154	10.4	.6	.5	875	466	2.5	
1600	0000	19 C	7.9	1380	4.79	3.54	2.48	.08		5.87	4.21	4.34	.17	--	--	831	173	6.4	

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					SAR	REMARKS
					CA	MG	NA	K	PERCENT CACO3	REACTANCE VALUE	SO4	CL	NO3	TURB	SI02	TDS SUM	TH MCM			
CENTRAL COAST NB SANTA YNEZ HU LOMPOC HA																				
T-14 T-14.A																				
06N/34W-06C01 S																				
07/26/85 1235	5050 0000				1750 1990	157 7.83	125 10.28	123 5.35	4.8 .12	472 9.43	404 8.41	183 5.16	22.0 .35	.2 --	.7 --	1410 1302	906 454	1.8 5.3	E	
07N/34W-29E04 S																				
07/26/85 1020	5050 0000	66 19	F C	7.7	1690 1910	150 7.49	75 6.17	180 7.83	9.0 .25	366 7.31	402 8.37	196 5.53	3.2 .05	.5 --	.5 --	1330 1235	682 318	3.0 8.2	S	
07N/35W-17M01 S																				
07/26/85 1130	5050 0000	65 18	F C		3090 3290	--	--	538 23.40	--	--	30 .62	927 26.14	.6 .01	--	--	1770	293			
07N/35W-23E02 S																				
07/26/85 1050	5050 0000	66 19	F C	7.7	2300 2520	200 9.98	82 6.74	245 10.66	11 .28	422 8.43	467 9.72	353 9.95	2.6 .04	.5 --	.5 --	1760 1614	836 415	3.7 10.6		
T-14.B SANTA RITA HA																				
06N/32W-18M01 S																				
07/26/85 1540	5050 0000				2900 2880	337 16.82	176 14.47	205 8.92	5.6 .14	480 9.59	1040 21.85	314 8.89	21.0 .34	.6 --	1.2 --	2550 2387	1560 1086	2.3 7.1	E C	
06N/34W-01E01 S																				
07/26/85 1500	5050 0000	64 18	F C	7.8	1650 1960	161 8.03	97 7.98	122 5.31	9.0 .23	370 7.59	479 9.97	142 4.00	2.7 .04	.6 --	.6 --	1330 1245	800 431	1.9 5.3	E	
T-15 T-15.A SOUTH COAST HU ARGUELLO HA																				
04N/30W-01C01 S																				
07/26/85 1200	5050 0000	80 27	F C	7.2 7.8	1600 1840	227 11.33	54 4.44	129 5.61	4.9 .13	233 4.66	680 14.16	96 2.71	.1 .00	.2 --	.7 --	1420 1331	788 556	2.0 5.2	E	
04N/30W-01K14 S																				
07/26/85 1240	5050 0000				7.4 7.6	1300 1550	174 8.68	54 4.44	102 4.44	1.5 .04	385 7.69	357 7.43	89 2.51	4.7 .08	.3 --	1.1 --	1060 1013	656 272	1.7 4.8	
05N/29W-31C01 S																				
07/26/85 1110	5050 0000	68 20	F C	8.7	650 781	4.0 .20	.0 .00	200 8.70	2.4 .06	355 7.09	38 .79	28 .79	3.3 .05	1.3 --	1.3 --	919 490	10 0	27.5 27.4		
05N/32W-21401 S																				
07/26/85 1615	5050 0000				7.7	1600 1910	229 11.43	47 3.97	117 5.09	2.2 .06	300 5.99	469 9.76	163 4.60	3.0 .05	1.3 --	.9 --	1260 1211	744 466	1.8 5.0	
T-15.C T-15.C1 SOUTH COAST HYDRO SIRMINT GOLETA HYDRO SUBAREA																				
04N/28W-16H02 S																				
07/26/85 1000	5053 0000	68 20	F C	7.9	1000 1030	131 6.54	31 2.55	57 2.48	2.9 .07	341 6.81	174 3.62	37 1.04	.2 .00	.1 --	.5 --	641 638	454 114	1.2 3.0		
05N/28W-34401 S																				
07/26/85 0900	5050 0000	73 23	F C	9.2 8.4	550 648	2.0 .10	1.0 .08	163 7.09	.7 .02	308 6.15	14 .29	16 .45	.0 .00	.2 --	3.6 --	377 382	9 0	23.8 21.4		

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD LOC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER				MILLIGRAMS PER LITER				MILLIGRAMS PER LITER				PEN
						CA	MG	NA	K	CO3	SO4	CL	NO3	TH	SI	TO	TH	
				LNS ANGEL'S NR VENTURA RIVER HILL UPPER VENTURA RIVER HILL														
08/20/85 1303	5121 0000	66.0F 18.9C	A.1	980	127 6.34 58	32 2.63 24	45 1.96 18	2.5 .06 1	232 4.64 43	244 5.08 47	38 1.07 10	5.6 .09 1	.4 --	.6 --	689 634	448 217	0.9 2.3	E
08/20/85 1315	5121 0000		A.0	1300	156 7.78 51	44 2.62 24	86 3.74 25	3.4 .09 1	304 6.07 41	308 6.41 43	87 2.45 16	.0 .00 0	.4 --	.7 --	909 847	570 267	1.6 4.1	
08/20/85 1410	5121 0000		A.0	457	40 2.00 41	11 .90 18	46 2.00 41	1.1 .03 1	212 4.24 87	3.0 .06 1	19 .54 11	1.2 .02 0	.0 --	.1 --	298 248	145 0	1.7 3.3	
08/20/85 1450	5121 0000		A.0	902	129 6.44 62	30 2.47 24	32 1.39 13	1.2 .03 0	207 4.14 41	240 5.00 49	15 .42 4	38.0 .61 6	.0 --	.5 --	653 609	446 239	0.7 1.6	E
08/20/85 1500	5121 0000		A.9	815	107 5.34 58	30 2.47 27	30 1.31 14	1.3 .03 0	215 4.30 48	176 3.66 41	20 .56 6	26.0 .42 5	.0 --	.4 --	549 519	390 176	0.7 1.6	
08/20/85 1505	5121 0000	67.0F 19.4C	A.0	1070	122 6.39 53	29 2.38 21	68 2.96 26	1.4 .04 0	199 3.98 35	199 4.12 36	108 3.05 27	14.2 .23 2	.2 --	.5 --	718 660	424 223	1.4 3.4	
08/20/85 1515	5121 0000	67.0F 19.4C	A.6	927	113 5.64 56	29 2.38 24	46 2.00 20	1.3 .03 0	204 4.08 41	188 3.91 39	61 1.72 17	17.4 .28 3	.1 --	.4 --	627 578	401 197	1.0 2.3	
08/20/85 1335	5121 0000	71.0F 21.6C	A.8	1200	126 6.29 50	31 2.55 20	82 3.57 29	1.8 .05 0	195 3.90 32	207 4.31 35	137 3.86 32	10.2 .16 1	.0 --	.5 --	734 712	442 247	1.7 4.0	
01/13/85 0000	5121 0000		A.4	1290	144 7.19 53	40 3.29 24	70 3.05 22	5.0 .13 1	345 6.89 42	273 5.68 43	26 .73 5	.0 .00 0	.3 --	.4 --	823 765	525 180	1.3 3.5	S
08/09/85 1600	5121 0000	76.0F 24.4C	A.9	1565	112 5.59 33	47 3.87 23	166 7.22 43	7.0 .18 1	240 4.80 29	368 7.66 46	149 4.17 25	.0 .00 0	.6 --	.4 --	1073 993	475 233	3.3 8.1	
08/14/85 0930	5121 0000	65.0F 18.3C	A.1	2301	244 12.18 46	87 7.15 27	166 7.22 27	8.0 .20 1	235 4.70 18	708 16.61 52	191 5.39 20	.0 .00 0	.9 --	.5 --	1638 1634	970 732	2.3 6.2	E
07/29/85 1530	5121 0000		A.7	1190	119 5.94 48	35 2.88 23	81 3.52 28	4.0 .10 1	225 4.50 36	332 6.91 55	38 1.07 9	.0 .03 0	.6 --	.5 --	815 745	445 216	1.7 4.0	
07/30/85 0910	5121 0000	76.0F 24.4C	A.6	1181	87 4.34 37	37 3.04 26	99 4.31 36	6.0 .15 1	220 4.40 37	245 5.10 43	84 2.37 20	.0 .00 0	.4 --	.4 --	743 690	370 149	2.2 5.2	
08/06/85 1115	5121 0000	68.5F 20.3C	A.6	1270	119 5.94 44	40 3.29 25	92 4.00 30	5.0 .13 1	230 4.60 34	332 6.91 52	65 1.83 14	.0 .00 0	.6 --	.5 --	880 792	465 232	1.9 4.5	
07/16/85 0830	5121 0000		A.9	830	74 3.69 42	30 2.47 28	58 2.57 29	6.0 .15 2	135 2.70 32	210 4.37 52	43 1.21 14	10.0 .16 2	.4 --	.4 --	530 512	305 173	1.4 3.0	S
08/08/85 1120	5121 0000	63.0F 17.2C	A.3	1710	204 10.18 40	63 4.18 25	113 4.92 24	6.0 .15 1	265 5.29 26	590 12.59 61	64 1.80 9	47.0 .76 4	.9 --	.7 --	1258 1247	770 504	1.8 4.7	E
08/06/85 1055	5121 0000	73.5F 23.0C	A.3	1820	206 10.28 49	64 5.26 25	122 5.31 25	4.0 .10 0	220 4.40 21	760 14.57 70	62 1.75 8	.0 .00 0	.9 --	.8 --	1363 1291	780 557	1.9 4.9	E
07/24/85 1050	5121 0000		A.7	1376	134 6.69	49 3.95	89 3.87	5.0 .13	205 4.10	410 8.54	62 1.75	.0 .00	.7 --	.7 --	970 872	530 327	1.7 4.1	F



TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TDS SUM	TH MCH	SAR	DEM
					CA	MG	NA	K	CAO3	SO4	CL	NO3	TURB	SI02	F					
LOS ANGELES HB SANTA CLARA-CALLEGUAS MU OYNARD PLAIN MA OYNARD HSA																				
07/01/85 1330	5121 0000	67.5F 14.7C	7.9	1400	142 7.09 47	47 3.87 26	93 4.05 27	5.0 .13 1	200 4.00 27	370 7.79 52	112 3.16 21	.0 .00 0	.8 --	.7 --		875 890	550 348	1.7 4.2		
01N/22V-24R03 S																				
07/16/85 0900	5121 0000		7.7	1610	162 8.08 47	53 4.36 26	102 4.44 26	8.0 .20 1	195 3.90 23	375 7.81 47	174 4.91 29	5.0 .08 0	.3 --	.7 --		1043 996	820 427	1.8 4.4	S	
01N/22V-24C01 S																				
07/16/85 1053	5121 0000		7.8	1518	156 7.78 47	51 4.19 25	101 4.39 27	9.0 .20 1	200 4.00 24	410 8.54 51	147 4.15 25	.0 .00 0	.9 --	.7 --		1095 994	600 399	1.8 4.4	E	
01N/22V-36R01 S																				
08/21/85 1045	5121 0000	71.0F 21.6C	7.7	1031	94 4.69 42	32 2.63 23	87 3.78 34	5.0 .13 1	220 4.40 40	249 5.18 48	46 1.30 12	.0 .00 0	.6 --	.9 --		700 646	365 146	2.0 4.6	S	
02N/21V-07K01 S																				
09/24/85 1300	5121 0000	65.0F 18.3C	7.6	1710	174 8.68 46	63 5.18 28	108 4.70 25	4.0 .20 1	245 4.90 26	566 11.78 62	64 1.80 9	35.0 .56 3	.9 --	.7 --		1176 1166	693 448	1.8 4.6		
02N/21V-18R03 S																				
08/08/85 1046	5121 0000		7.8	1650	182 9.08 46	68 5.59 28	112 4.87 25	5.0 .13 1	235 4.70 24	576 11.99 62	70 1.97 10	41.0 .66 3	.7 --	.7 --		1303 1196	735 499	1.8 4.7	E	
02N/21V-19R01 S																				
09/24/85 1230	5121 0000	63.0F 17.2C	7.6	1920	198 9.88 47	66 5.43 26	130 4.66 27	8.0 .20 1	230 4.60 21	706 14.70 68	66 1.86 9	26.0 .42 2	1.0 --	.7 --		1320 1339	765 536	2.0 5.3		
02N/21V-29C01 S																				
08/29/85 1420	5121 0000	67.0F 19.4C	7.5	2190	266 13.27 45	109 8.96 31	156 6.79 23	7.0 .18 1	265 5.29 18	788 16.41 56	225 6.35 22	76.0 1.23 4	.7 --	.4 --		1865 1787	1113 848	2.0 3.7	E C	
02N/21V-29R53 S																				
08/29/85 1445	5121 0000		7.7	1610	158 7.88 42	64 5.26 28	126 5.48 29	7.0 .18 1	250 5.00 27	528 10.99 60	87 2.45 13	.0 .00 0	.8 --	.4 --		1195 1121	660 407	2.1 3.9	E	
02N/22V-10R52 S																				
09/09/85 0625	5121 0000	67.0F 19.4C	7.8	1870	138 8.89 41	45 3.70 22	136 5.92 35	7.0 .18 1	210 4.20 25	528 10.99 65	58 1.64 10	10.0 .16 1	.7 --	.6 --		1105 1049	530 320	2.6 6.2		
02N/22V-11R01 S																				
08/15/85 1330	5121 0003	66.0F 18.9C	8.2	1570	164 8.18 44	40 3.29 18	165 7.18 38	6.0 .15 1	246 4.92 27	556 11.58 62	65 1.83 10	12.6 .20 1	.4 --	.7 --		1240 1137	574 328	3.0 7.6	E	
02N/22V-16R01 S																				
09/19/85 0750	5121 0000	64.0F 17.8C	7.7	1570	150 7.49 44	50 4.11 24	118 5.13 30	7.0 .18 1	220 4.40 26	513 10.68 63	60 1.69 10	10.0 .16 1	.7 --	.6 --		1095 1041	580 360	2.1 3.3		
02N/22V-22J02 S																				
10/24/84 0815	5121 1050	63.0F 17.2C	8.1	1340	142 7.09 47	45 3.70 25	94 4.09 27	4.6 .12 1	196 3.92 26	456 9.49 64	46 1.30 9	10.6 .17 1	.7 --	1.1 --		1000 916	540 344	1.8 4.3	E	
02N/22V-16R01 S																				
08/20/85 1333	5121 0000	64.0F 17.8C	8.3	1300	143 7.14 47	46 3.78 25	93 4.05 27	4.4 .11 1	199 3.98 27	447 9.31 63	49 1.38 9	13.0 .21 1	.6 --	.9 --		1020 915	546 347	1.7 4.2	E	
02N/22V-22R03 S																				
04/10/85 0943	8090 5867		7.9	1940	224 11.18 47	78 6.41 27	137 5.96 25	5.0 .20 1	325 6.49 28	594 12.37 53	105 2.90 13	105 1.69 7	1.0 --	.6 --		1553 1447	880 535	2.0 5.6	E C	
02N/22V-25F01 S																				
08/29/85 1330	5121 0000		7.5	2160	238 11.88 44	95 7.81 29	162 7.05 26	8.0 .20 1	250 5.00 19	875 18.22 69	66 1.86 7	90.0 1.45 5	1.4 --	.5 --		1205 1645	985 735	2.2 6.1	E C	
02N/22V-25L03 S																				
04/10/85 1030	8090 5867		7.9	2240	264 13.17 46	92 7.57 27	173 7.53 26	7.0 .23 1	265 4.29 19	938 19.53 69	80 2.24 8	80.0 1.29 5	1.1 --	.7 --		1835 1796	1040 773	2.3 6.4	E C	
02N/22V-25R01 S																				
04/10/85 1100	8095 5867		8.0	1810	197 9.83 43	67 5.51 24	164 7.13 31	9.0 .20 1	245 4.30 22	736 15.32 64	65 1.83 8	38.0 .61 3	1.1 --	.8 --		1444 1423	770 522	2.6 6.7	F C	
02N/22V-25R03 S																				
04/10/85 1046	8090 5867		7.9	1810	209 10.43 48	68 5.59 26	126 5.48 25	7.0 .18 1	245 4.90 23	698 14.43 67	70 1.97 9	21.0 .34 2	1.0 --	.5 --		1335 1347	805 556	1.9 5.1	E	
02N/22V-24R01 S																				
04/10/85 1014	8090 5867		8.3	040	142 7.09 65	30 2.47 23	30 1.31 12	2.0 .05 0	205 4.10 39	302 6.29 59	9.0 .25 2	.0 .03 0	.3 --	.4 --		875 638	480 273	0.8 1.4	F	

MINERAL ANALYSES OF GROUND WATER

174

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER							REM
				CA	MG	NA	K	CACO3	SO4	CL	NO3	TJR	F	YDS	TH	SAR			
																	ASAR		
*****																			
	U-03 U-03.C U-03.C1 04N/19W-31F01 S		LOS ANGELES HR SANTA CLARA-CALLEGUAS MU SESPE MA FILLMORE NSA																
08/09/85 1315	5121 0000		8.0 1450	167 8.33 4.8	62 5.10 2.9	87 3.78 2.2	5.9 .15 1	216 4.32 25	551 11.47 67	46 1.30 .8	5.8 .09 1	.7 --	1.0 --	1160 1055	672 496	1.5 3.7		E	
	04N/20W-31L01 S																		
08/21/85 1900	5121 0000		7.1 1240	146 7.29 50	42 3.45 24	84 3.65 25	2.7 .07 0	334 6.67 47	291 6.06 42	41 1.16 .8	29.0 .40 3	.2 --	.7 --	875 832	536 204	1.6 4.2		E	
	U-03.0 U-03.01 04N/19W-34K03 S		PIRU MA SANTA FELICIA NSA																
09/09/85 1600	5121 0000		60.0F 15.5C 7.9 1340	143 7.14 46	56 4.61 30	84 3.65 23	5.1 .16 1	187 3.74 24	497 10.35 68	37 1.04 .7	9.6 .19 1	.7 --	1.0 --	1010 946	987 401	1.5 3.7		E	
	U-03.E U-03.E1 04N/17W-14K04 S		UPPER SANTA CLARA RIVER MA EASTERN NSA																
03/20/85 0923	5121 1101		65.0F 14.3C 7.7 1310	120 5.99 42	46 3.78 27	100 4.35 31	4.1 .10 1	0 .00 0	1.0 .02 67	.0 .00 0	.0 .01 33	.42 --	.0 --	910 272	492 489	0.0 0.0		TC S	
	U-03.F U-03.F1 03N/21W-34K02 S		CALLEGUAS-CONEJO MA WEST LAS POSAS NSA																
09/19/85 0000	5121 0000		73.0F 22.8C 7.9 1220	92 4.99 38	41 3.37 28	93 4.05 33	4.0 .20 2	275 5.49 45	225 4.64 39	58 1.64 14	16.0 .26 2	.4 --	.3 --	725 698	400 124	2.0 5.0			
	U-03.F2 02N/20W-03K02 S		EAST LAS POSAS NSA																
09/13/85 0000	5121 0000		74.0F 25.5C 7.7 643	70 3.49 57	12 .99 16	36 1.97 26	3.0 .08 1	160 3.20 42	120 2.50 40	17 .48 8	.0 .00 0	.2 --	.3 --	318 354	225 64	1.0 2.1			
	02N/20W-06K01 S																		
09/19/85 0000	5121 0000		73.0F 22.8C 7.8 1170	92 4.59 37	41 3.37 27	95 4.13 34	8.0 .20 2	280 5.59 46	220 4.98 38	59 1.66 14	16.0 .26 2	.4 --	.4 --	698 699	400 119	2.1 9.1			
	03N/19W-15L0155																		
01/18/85 1224	5121 0000		7.7 510	70 3.49 71	8.0 .84 13	16 .70 14	2.0 .05 1	155 3.10 62	65 1.35 27	14 .39 8	12.0 .19 4	.1 --	.4 --	303 280	210 93	0.5 1.0			
	03N/19W-20K03 S																		
07/16/85 0003	5121 0000		69.0F 23.5C 7.6 487	44 2.20 48	11 .90 19	34 1.48 32	2.0 .05 1	99 1.90 43	13 .27 6	35 .99 22	79.0 1.27 29	.2 --	.4 --	303 275	155 60	1.2 2.0		S	
	U-03.F4 01N/20W-03J01 S		CONEJO VALLEY NSA																
07/18/85 0003	5121 0000		67.5F 19.7C 7.8 899	52 2.59 27	37 4.69 48	55 2.39 25	1.0 .03 0	275 5.49 57	122 2.54 26	57 1.61 17	4.0 .06 1	.2 --	.3 --	583 513	365 90	1.3 3.1			
	U-03.F7 02N/18W-08K01 S		SIMI VALLEY NSA																
07/05/85 1010	5121 0000		7.7 2824	336 16.77 52	100 8.22 26	156 6.79 21	10 .26 1	290 5.79 16	1100 22.90 65	210 5.92 17	50.0 .81 2	1.5 --	.6 --	2267 2137	1250 961	1.9 9.9		E	

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAR	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER							REM
				CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SI02	F	TDS SIM	TH MCN	SAR ASAP		
U-04 U-04.R U-04.86 01N/19W-19E04 S																			
07/18/85 0000	5121 0000	72.5F 22.5C	7.6	975	90 4.49 40	58 4.77 43	40 1.74 16	4.0 .10 1	390 7.79 71	87 1.81 16	49 1.38 13	1.0 .02 0	.2 --	.2 --	993 563	465 74	0.8 2.2		
01N/19W-34M02 S																			
09/10/85 0000	5121 0000		7.7	1950	66 3.29 21	60 4.93 31	171 7.44 47	2.0 .05 0	305 4.09 39	385 8.02 51	54 1.52 10	.0 .00 0	.4 --	.6 --	1000 921	410 107	3.7 9.1		
U-04.D U-04.D7 01N/20W-25M03 S																			
07/18/85 0000	5121 0000		8.3	626	2.0 .10 2	1.0 .08 1	142 6.18 96	2.0 .05 1	230 4.60 74	35 .73 12	32 .90 14	.0 .00 0	.2 --	.1 --	398 352	10 0	19.5 16.3		
U-05 U-05.A U-05.A2 03S/13W-19M09 S																			
07/31/85 1100	1101 5050		7.7	569	60 2.99 49	14 1.15 19	42 1.83 30	3.0 .08 1	149 2.98 57	74 1.54 30	24 .68 13	.5 .01 0	120 --	.5 --	390 427	209 58	1.3 2.5	T S	
03S/13W-30A10 S																			
06/27/85 1130	1101 5050	74.0F 23.3C	8.1	393	29 1.48 36	8.9 .73 18	41 1.79 44	3.0 .08 2	147 2.94 83	1.0 .02 1	21 .59 17	.1 .00 0	120 --	.2 --	240 313	112 0	1.7 2.9	T S	
01S/13W-31M01 S																			
08/06/85 1300	5050 0000	78.0F 25.9C	8.0	540	44 2.20 40	15 1.23 22	45 1.96 36	4.8 .12 2	183 3.66 68	52 1.08 20	24 .68 13	.3 .00 0	.1 --	.4 --	284 295	172 0	1.5 3.0		
03S/14W-03K01 S																			
07/17/85 1330	1101 5050		6.8	667	40 2.00 33	14 1.15 19	65 2.83 46	5.5 .14 2	104 2.08 38	76 1.38 29	64 1.80 33	.1 .00 0	210 --	.2 --	440 437	159 54	2.2 3.8	T S	
03S/14W-03K03 S																			
07/18/85 1900	1101 5050		7.6	935	81 4.04 45	25 2.06 23	62 2.70 30	4.8 .12 1	157 3.14 38	19 .40 5	164 4.62 57	.1 .00 0	110 --	.6 --	520 560	307 148	1.5 3.3		
03S/14W-09M01 S																			
07/12/85 1101	1101 5050		7.7	717	48 2.40 32	19 1.56 20	79 3.44 43	5.4 .21 3	246 4.96 73	.7 .01 0	64 1.80 27	.1 .00 0	220 --	.5 --	430 568	199 0	2.4 5.2	T S	
03S/14W-09M04 S																			
07/12/85 1050	1101 5050		7.7	604	40 2.00 31	15 1.23 19	68 2.96 46	7.9 .20 3	212 4.24 79	2.0 .04 1	38 1.07 20	.1 .00 0	190 --	.4 --	360 488	163 0	2.3 4.7	T S	
03S/14W-09M05 S																			
07/12/85 1045	1101 5050		7.7	668	41 2.05 29	16 1.32 18	82 3.57 50	8.9 .23 3	241 4.82 81	.7 .01 0	40 1.13 19	.1 .00 0	250 --	.4 --	400 543	169 0	2.7 5.7	T S	
03S/14W-11J04 S																			
07/17/85 1336	1101 5050		7.8	524	53 2.64 48	12 .99 18	41 1.78 32	3.3 .08 1	152 3.04 65	47 .98 21	23 .65 14	.1 .09 0	130 --	.3 --	320 401	183 30	1.3 2.9	T S	
03S/14W-22A01 S																			
07/18/85 1930	1101 5050		7.8	565	59 2.94 44	14 1.15 19	44 1.91 31	3.1 .08 1	177 3.54 68	36 .75 14	33 .93 18	.1 .00 0	140 --	--	330 435	206 28	1.3 2.7	T S	
03S/14W-25K06 S																			
06/27/85 1115	1101 5050	74.0F 23.3C	7.4	599	61 3.06 50	13 1.07 18	43 1.90 31	3.1 .08 1	169 3.38 63	39 .81 15	42 1.18 22	.1 .00 0	120 --	.4 --	340 424	207 36	1.3 2.7	T S	
03S/14W-25P04 S																			
07/17/85 1400	1101 5050		8.0	476	38 1.90 39	11 .90 18	46 2.00 41	4.3 .11 2	153 3.06 72	27 .56 13	22 .62 15	.1 .00 0	150 --	.3 --	285 390	141 0	1.7 3.1	T S	
03S/14W-31E01 S																			
06/27/85 1330	1101 5050	75.0F 23.9C	7.9	993	80 4.01 42	24 1.97 21	78 3.41 36	5.6 .14 1	151 3.22 35	89 1.85 20	147 4.15 45	.2 .00 0	130 --	.4 --	570 651	301 138	2.0 4.2	S	
03S/14W-34N02 S																			
06/27/85 1050	1101 5050	80.0F 26.8C	7.9	688	56 2.81 42	16 1.32 20	56 2.47 37	3.8 .10 1	147 3.34 55	.5 .01 0	96 2.71 45	.1 .03 0	110 --	.2 --	350 440	207 40	1.7 3.4	T S	
04S/13W-16N02 S																			
06/24/85 1410	1101 5050	74.0F 25.4C	8.0	396	29 1.45 37	6.0 .49 13	44 1.91 49	2.7 .07 2	139 2.78	2.0 .04	21 .59	--	110 --	.2 --	230 298	97 0	1.9 3.2	7	

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
				CA	MG	NA	K	CACO3	SO4	CL	NO3	IR	F	70S SIL	TH NCH	SAR ASAR		
U II-05 II-05.A II-04.42 04S/13V-17001 S																		
06/24/85 1210	1101 5050	79.0F 29.5C	8.1 434	30 1.50 34	7.5 .62 14	52 2.26 51	3.5 .09 2	147 2.94 78	5.0 .10 3	24 .73 19	1.4 .02 1	120	.2 --	290 334	106 0	2.2 3.7	T S	
04S/13V-21407 S																		
06/24/85 1405	1101 4050	79.0F 29.5C	8.3 510	28 1.40 28	6.4 .53 10	70 3.05 60	2.9 .07 1	142 2.84 64	5.0 .10 2	52 1.47 33	.1 .00 0	140	.2 --	300 390	96 0	3.1 5.1	T S	
04S/13V-21J02 S																		
06/24/85 1430	1101 5050	70.0F 21.1C	8.1 513	27 1.35 27	6.1 .50 10	69 3.00 61	3.2 .08 2	142 2.84 64	4.0 .09 2	55 1.55 35	.3 .00 0	120	.2 --	280 370	92 0	3.1 5.0	T S	
04S/13V-21801 S																		
06/24/85 1510	1101 5050	79.0F 26.1C	7.9 629	38 1.90 32	4.4 .69 12	74 3.22 55	3.4 .09 2	134 2.68 50	7.0 .15 3	90 2.54 47	.1 .00 0	120	.2 --	360 421	130 0	2.8 4.9	C	
04S/13V-30409 S																		
06/27/85 1245	1101 5050	79.0F 23.9C	7.8 532	31 1.56 29	11 .90 17	64 2.79 52	4.6 .12 2	176 3.52 75	.8 .02 0	41 1.16 25	.1 .00 0	120	.3 --	280 378	124 0	2.5 4.6	T S	
04S/14V-10003 S																		
06/24/85 1145	1101 5050	72.0F 22.2C	7.6 3470	320 19.97 48	98 8.06 24	200 6.70 26	10 .26 1	136 2.72 8	.85 1.77 5	1040 29.33 87	.1 .00 0	140	2.1 --	2150 1975	1210 1086	2.5 6.3	S	
04S/14V-35E36 S																		
06/27/85 1435	1101 5050	72.0F 22.2C	7.4 1280	93 4.64 36	34 2.80 22	121 5.26 41	7.2 .14 1	252 5.03 41	134 2.79 23	158 4.46 36	.1 .00 0	260	.7 --	770 954	374 121	2.7 6.5	T S	
05S/13V-04H01 S																		
08/12/85 0130	5050 0000	69.0F 20.9C	7.7 30600	499 24.90 6	907 74.5930 18	7050 6.68 75	115 2.94 1	312 6.23 2	1540 32.0637 8	13300 375.06 91	7.3 .12 0	2.6	1.5 --	24200 23608	4970 4687	43.5 126.8	E C	
II-05.A5 03S/12V-22431																		
08/14/85 0945	5050 0000	65.0F 18.3C	8.3 593	79 3.94 63	15 1.23 20	25 1.09 17	1.6 .04 1	206 4.12 64	72 1.50 23	27 .76 12	.6 .01 0	.0	.4 --	414 344	259 53	0.7 1.5		
01S/12V-09601 S																		
07/30/85 1350	5040 5044	7.5	257	18 .90 35	6.2 .51 20	26 1.13 44	1.3 .03 1	69 1.38 69	7.0 .15 7	16 .45 22	2.1 .03 1	27.0	.7 --	185 145	70 2	1.4 1.6	E T S	
07S/11V-19F02 S																		
06/12/85	1101 5050	66.0F 18.9C	7.6 862	73 3.64 43	18 1.48 17	82 3.57 41	4.7 .12 1	380 3.60 44	120 2.50 31	69 1.95 24	2.2 .04 0	230	.4 --	540 707	258 76	2.2 4.7	T S	
02S/11V-79E05 S																		
06/12/85 1105	1101 5050	68.0F 20.0C	7.8 1090	130 6.49 46	29 2.38 21	60 2.61 23	4.2 .11 1	390 3.80 34	202 4.21 39	97 2.74 25	4.8 .08 1	110	.7 --	760 751	446 254	1.2 2.9	S	
02S/11V-35R31 S																		
06/12/85 0815	1101 5050	74.0F 23.3C	7.8 739	71 3.44 45	22 1.81 23	94 2.35 30	3.9 .10 1	148 2.96 41	131 2.73 38	52 1.47 20	2.9 .05 1	140	.6 --	490 466	269 120	1.4 2.9	S	
02S/12V-05A03 S																		
06/13/85	1101 5050	7.9	1193	100 4.99 41	30 2.47 20	110 4.79 39	2.7 .07 1	187 3.74 32	93 1.94 17	210 5.92 51	4.3 .07 1	140	.8 --	700 802	575 186	2.5 5.6	S	
02S/12V-06K01 S																		
08/12/85 1333	5050 0000	83.0F 28.6C	8.5 1300	59 2.94 22	25 2.06 16	185 8.05 61	3.6 .09 1	248 4.96 38	.80 1.67 13	229 6.46 49	4.2 .07 1	.4	.5 --	782 735	250 2	5.1 11.2		
02S/12V-12M02 S																		
06/12/85	1101 5050	68.0F 23.0C	7.5 647	65 3.24 48	13 1.07 16	54 2.35 35	3.9 .10 1	166 3.32 54	86 1.79 29	34 .96 16	1.8 .03 0	170	.5 --	390 527	217 50	1.6 3.2	T S	
02S/12V-13L05 S																		
06/12/85	1101 5050	65.0F 18.9C	7.5 679	69 3.44 50	12 .99 14	54 2.35 34	3.9 .10 1	152 3.04 51	86 1.79 30	38 1.07 18	2.5 .04 1	160	.4 --	420 517	223 70	1.6 3.1	T S	
02S/12V-14809 S																		
06/13/85	1101 5050	7.4	600	61 3.04 47	16 1.32 20	46 2.00 31	4.9 .13 2	109 2.18 38	111 2.31 40	45 1.27 22	3.3 .05 1	150	.4 --	390 503	219 109	1.4 2.5	T S	
02S/12V-20M03 S																		
06/13/85 0800	1101 5050	74.0F 23.3C	8.9 901	21 1.05 9	11 .90 8	210 9.14 82	3.3 .08 1	240 4.80 58	86 1.79 22	60 1.67 20	.3 .00 0	150	1.0 --	660 686	98 0	9.2 16.6	E S	

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REMARKS	
					CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SiO2	TDS SIM	TW NCM		SAR ASAP
LOS ANGELES HA LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA CENTRAL HSA																		
06/12/85	1101 5050	67.0F 19.4C	7.5	833	73 43	16 16	3.35 40	4.3 1	143 38	121 2.52	76 2.14	2.7 .04	260 33	.6 28	400 716	249 105	2.1 4.2	T S
06/19/85	1101 5050	65.0F 18.3C	7.8	751	67 45	16 18	3.32 37	2.6 1	142 41	117 2.44	59 1.65	2.7 .04	180 35	.5 24	470 993	234 91	1.8 3.5	T S
06/12/85	1101 5050	66.0F 17.8C	7.6	716	73 50	15 17	3.4 32	3.9 1	144 45	102 2.12	47 1.33	3.1 .05	150 33	.5 21	430 534	245 100	1.5 3.0	T S
06/12/85	1101 5050	64.0F 17.8C	7.7	774	82 52	17 18	3.4 30	4.1 1	139 40	124 2.58	57 1.61	3.5 .06	150 37	.6 23	480 575	276 136	1.4 2.9	S
08/12/85 1420	5050 0000	73.0F 22.8C	8.2	638	67 31	12 15	3.0 33	1.9 1	153 46	105 2.19	45 1.27	10.4 .17	.1 33	.5 19	518 383	216 84	1.5 2.9	E T
06/13/85	1101 5050		7.8	588	59 44	17 21	3.4 33	3.4 1	169 58	76 1.58	32 .90	.1 .00	140 27	.5 15	370 480	218 48	1.5 3.1	T S
08/07/85 1230	5050 0000	73.0F 22.8C	7.6	1610	161 48	46 22	3.78 28	9.0 1	250 30	146 7.20	191 4.26	.7 .01	.3 44	.5 26	1070 974	990 341	2.0 3.0	
07/31/85 1003	1101 5050		7.7	620	65 49	16 20	3.4 29	4.0 2	157 55	84 1.75	30 .85	.8 .01	150 30	.4 15	390 485	229 71	1.3 2.6	T S
07/12/85 1300	1101 5050		7.8	607	67 50	18 20	3.3 28	3.5 1	166 55	89 1.85	29 .82	.3 .00	130 31	.5 14	390 477	234 67	1.2 2.5	T S
06/19/85	1101 5050	62.0F 15.7C	7.8	731	80 51	20 21	3.7 26	3.7 1	175 50	106 2.21	46 1.30	1.7 .03	150 31	.5 18	440 549	284 107	1.2 2.6	T S
07/16/85 1300	1101 5050		7.7	589	59 49	14 19	3.3 31	3.1 1	166 56	71 1.44	28 .79	.7 .01	140 28	.4 15	370 446	206 59	1.3 2.5	T S
07/18/85 0945	1101 5053		7.9	574	59 49	14 19	3.3 31	2.9 1	154 60	64 1.13	26 .73	.1 .00	140 26	.4 14	340 440	206 51	1.3 2.5	T S
08/12/85 0915	5050 0003	74.0F 23.3C	8.1	600	61 48	13 17	3.4 34	4.2 2	172 55	83 1.73	38 1.07	1.8 .03	.1 28	.4 17	375 353	206 34	1.5 3.0	
06/19/85	1101 5050	62.0F 16.7C	7.7	654	72 52	17 20	3.3 27	3.3 1	159 52	92 1.92	37 1.04	.9 .01	130 31	.3 17	400 491	251 91	1.2 2.4	T S
06/19/85	1101 5050	62.0F 15.7C	7.6	602	64 50	16 21	3.2 29	3.1 1	158 55	84 1.74	28 .79	.7 .01	150 31	.5 14	370 461	227 70	1.2 2.5	T S
07/16/85 1300	1101 5050		8.1	674	68 49	16 19	3.3 31	3.1 1	154 50	94 1.96	40 1.13	.5 .01	140 32	.4 18	400 504	237 82	1.4 2.9	T S
08/06/85 0930	5050 0000	79.0F 21.1C	8.0	728	74 51	16 18	3.4 28	4.8 2	200 56	84 1.83	42 1.18	5.0 .08	.2 26	.4 17	415 397	250 51	1.3 2.8	
08/06/85 0945	5050 0630	74.0F 24.4C	8.2	516	44 43	10 16	3.4 38	4.9 3	142 56	65 1.55	30 .84	.2 .00	.2 27	.3 17	275 384	151 9	1.6 2.9	
08/06/85 1003	5050 0000	73.0F 21.1C	8.1	624	63 51	13 17	3.4 30	4.9 2	189 61	77 1.60	28 .79	1.4 .02	.2 26	.4 13	367 344	210 22	1.3 2.7	
07/12/85 0945	1101 5050		7.5	1110	80 34	33 23	3.4 41	9.7 2	277 51	83 1.73	125 3.53	.1 .00	290 15	.7 33	470 867	338 59	2.6 6.2	T S

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLE LAB	TEMP	FIELD LABORATORY PH	EQU	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER						REM
					CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SI02	TDS SUM	TH MCH	SAR ASAR	
*****																		
	II U-05 II-05.A U-05.B1 035/11W-01P01 S		LOS ANGELES HR LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA CENTRAL HSA															
06/12/85 0843	1101 5050	72.0F 25.9C	7.8	1260	64 3.19 24	39 3.21 24	160 6.96 52	4.5 .12 1	249 5.17 41	209 4.35 35	107 3.02 24	.0 .00 0	370 --	.8 --	780 1109	323 62	3.0 9.0	T S
06/13/85 0844	1101 5050	72.0F 22.7C	7.6	1500	155 7.73 46	48 3.95 23	120 5.22 31	1.6 .04 0	273 5.44 37	267 5.56 38	111 3.13 22	25.0 .40 3	290 --	1.0 --	1010 1181	368 312	2.2 5.6	S
08/08/85 1230	5050 0003	73.0F 22.8C	8.0	470	30 1.50 24	4.0 .33 6A	96 4.18 6A	4.5 .12 2	188 3.76 62	65 1.35 22	31 .87 14	2.5 .04 0	.1 --	.4 --	392 346	92 0	4.4 7.5	
06/12/85 1135	1101 5050	74.0F 23.3C	7.5		140 6.99 48	32 2.63 18	110 4.79 33	5.3 .14 1	280 5.59 44	159 3.31 26	140 3.95 35	.1 .00 0	110 --	.7 --	860 1044	484 202	2.2 5.5	T S
08/14/85 1015	5050 0000	67.0F 19.4C	8.2	630	84 4.19 63	15 1.23 18	28 1.22 18	1.8 .05 1	208 4.16 61	76 1.58 23	35 .99 14	6.2 .10 1	.0 --	.4 --	452 371	271 63	0.7 1.6	E
06/12/85 0930	1101 5050	76.0F 24.4C	8.3	509	27 1.35 26	6.6 .54 10	75 3.26 63	2.1 .05 1	139 2.78 63	56 1.17 26	17 .48 11	.1 .00 0	110 --	.6 --	310 377	95 0	3.3 5.4	T S
06/12/85 0908	1101 5050	74.0F 23.3C	7.9	530	49 2.45 45	10 .82 15	47 2.04 38	3.0 .08 1	134 2.68 58	63 1.31 28	23 .65 14	.1 .03 0	93.0 --	.4 --	320 368	164 30	1.6 2.9	S
06/12/85 1030	1101 5050	78.0F 25.9C	7.9	410	45 2.25 53	5.8 .48 11	34 1.48 35	2.6 .07 2	131 2.62 75	24 .50 14	14 .39 11	.1 .00 0	62.0 --	.3 --	240 266	137 6	1.3 2.2	S
08/08/85 1200	5050 0000	73.0F 22.8C	8.1	397	47 2.35 94	5.0 .41 9	34 1.48 34	3.3 .08 2	160 3.20 76	26 .54 13	17 .48 11	.2 .00 0	.0 --	.4 --	289 228	138 0	1.3 2.3	E T
06/13/85 5050	1101 5050	72.0F 22.2C	8.2	445	16 .80 16	2.9 .24 5	88 3.83 78	2.3 .06 1	139 2.78 66	20 .42 10	35 .99 24	.1 .00 0	140 --	.3 --	280 388	92 0	5.3 7.2	T S
07/18/85 1045	1101 5050		7.7	707	78 3.89 53	16 1.32 18	46 2.00 27	3.0 .08 1	183 3.66 52	102 2.12 30	49 1.27 18	1.3 .02 0	140 --	.4 --	440 541	262 78	1.2 2.6	T S
06/13/85 1300	1101 5050	66.0F 18.9C	8.2	702	91 4.54 59	18 1.48 19	17 1.61 21	3.1 .08 1	147 2.94 42	119 2.49 36	52 1.47 21	2.7 .04 1	75.0 --	.5 --	420 487	303 154	0.9 1.9	S
08/13/85 1400	5050 0000	64.0F 17.8C	8.3	843	93 4.64 53	19 1.56 18	58 2.52 29	2.3 .06 1	174 3.48 40	143 2.98 34	73 2.06 24	13.0 .21 2	.1 --	.5 --	538 506	310 136	1.4 3.1	
06/12/85 5050	1101 5050	68.0F 19.9C	7.5	1300	150 7.49 54	31 2.55 18	85 3.70 27	4.9 .13 1	245 4.90 40	190 3.96 33	115 3.24 27	5.2 .08 1	250 --	.7 --	860 978	504 257	1.6 4.1	S
08/14/85 1000	5050 0000	66.0F 18.9C	8.1	912	116 5.79 60	24 1.97 20	42 1.83 19	2.2 .06 1	244 4.88 50	166 3.46 35	50 1.41 14	6.3 .10 1	.0 --	.4 --	656 553	386 144	0.9 2.2	E
06/13/85 5050	1101 5050	64.0F 17.8C	7.6	741	97 4.84 59	19 1.56 19	40 1.74 21	3.9 .10 1	156 3.12 42	132 2.75 37	53 1.49 20	2.0 .03 0	24.0 --	.6 --	510 538	322 164	1.0 2.1	S
08/14/85 0930	5050 0000	67.0F 19.4C	8.2	965	131 6.54 63	26 2.14 21	37 1.61 16	2.1 .05 0	290 5.79 56	125 2.60 25	71 2.00 19	.0 .00 0	.0 --	.4 --	671 568	434 145	0.8 2.0	
08/08/85 1400	5050 0000	65.0F 18.3C	8.0	530	73 3.84 62	13 1.07 18	25 1.09 18	3.9 .10 2	184 3.68 63	71 1.48 25	23 .85 11	2.1 .03 1	.0 --	.6 --	373 321	236 52	0.7 1.5	
06/13/85 0935	1101 5050	64.0F 17.8C	7.6	1160	170 8.48 60	35 2.88 20	59 2.57 18	5.1 .13 1	256 5.11 40	274 5.70 44	73 2.06 16	.2 .00 0	87.0 --	.8 --	810 657	571 313	1.1 2.4	S
08/08/85 1120	5050 0000	65.0F 19.4C	8.3	650	75 3.74 54	23 1.89 27	24 1.13 16	4.6 .12 2	164 3.28 47	115 2.39 34	42 1.18 17	5.6 .09 1	.0 --	.5 --	449 390	242 118	0.7 1.4	

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				SAR	REM
					Ca	Mg	Na	K	CaCO3	SO4	CL	NO3	TURB	SiO2	TDS SUM	TM MCN		
LOS ANGELES HW LA-SAN GABRIEL RIVER HW COASTAL PLAIN HW CENTRAL 454																		
06/13/85 1400	1101 5050	70.0F 21.1C	8.3	486	68 3.39 62	12 .99 18	23 1.00 18	3.3 .08 1	150 3.00 62	60 1.25 24	20 .56 12	.9 .01 0	42.0 --	.3 --	310 326	220 69	0.7 1.4	S
035/12W-27C02 S																		
08/08/85 1030	5050 0000	65.0F 18.3C	8.1	497	68 3.39 62	12 .99 18	24 1.04 19	3.7 .09 2	192 3.84 72	51 1.04 20	16 .45 8	1.2 .02 3	.0 --	.5 --	305 291	219 77	0.7 1.5	
035/12W-29M01 S																		
08/08/85 1005	5050 0000	83.0F 28.3C	8.0	664	50 2.50 36	18 1.48 22	64 2.78 41	4.0 .10 1	100 2.00 29	156 3.25 48	55 1.54 23	.8 .01 0	.1 --	.6 --	462 408	199 99	2.0 3.5	
035/12W-30K02 S																		
06/27/85 0845	1101 5050	70.0F 21.1C	8.0	557	51 2.55 45	8.4 .69 12	53 2.32 41	2.8 .07 1	154 3.08 62	47 .98 20	33 .93 19	.1 .00 0	120 --	.3 --	320 408	163 8	1.8 3.4	T S
035/12W-33H04 S																		
06/12/85 5050	1101 5050	65.0F 14.3C	8.0	423	53 2.44 59	8.3 .68 15	25 1.09 24	2.8 .07 2	150 3.00 80	22 .46 12	10 .28 7	.0 .03 0	73.0 --	.4 --	260 281	167 16	0.8 1.6	S
035/12W-33F02 S																		
06/13/85 1050	1101 5050	72.0F 22.2C	8.2	816	68 3.39 39	24 1.97 22	76 3.31 38	3.8 .10 1	103 2.06 25	220 4.58 55	62 1.75 21	.2 .00 0	110 --	.6 --	510 626	270 169	2.0 3.8	T S
035/12W-33H04 S																		
06/12/85 5050	1101 5050	62.0F 15.7C	8.2	420	57 2.84 63	7.7 .63 14	22 .96 21	2.7 .07 2	166 3.32 85	19 .40 10	7.0 .20 5	.0 .00 0	68.0 --	.4 --	260 283	175 8	0.7 1.4	S
035/12W-34F01 S																		
06/12/85 5050	1101 5050	62.0F 16.7C	7.8	461	53 2.64 55	9.3 .76 16	31 1.35 28	2.9 .07 1	153 3.06 74	35 .73 18	12 .34 8	.4 .01 0	93.0 --	.4 --	280 328	171 17	1.0 2.0	S
035/12W-35H04 S																		
06/13/85 1030	1101 5050	64.0F 17.8C	8.4	585	85 4.24 63	15 1.23 18	27 1.17 17	2.9 .07 1	190 3.80 67	54 1.12 20	28 .79 14	.1 .00 0	53.0 --	.5 --	330 384	275 84	0.7 1.5	S
035/13W-10L02 S																		
08/07/85 1423	5050 0000	68.0F 23.0C	7.8	593	45 2.25 37	24 1.97 32	42 1.83 30	4.3 .11 2	182 3.64 60	75 1.56 26	28 .79 13	1.9 .03 0	.1 --	.5 --	332 329	211 29	1.3 2.6	
035/13W-11E01 S																		
08/12/85 1053	5050 0000	74.0F 23.3C	8.1	716	85 4.24 55	17 1.40 18	44 1.91 25	4.0 .10 1	198 3.96 52	117 2.44 32	39 1.10 14	6.1 .10 1	.1 --	.5 --	454 431	292 84	1.1 2.5	
035/13W-12J01 S																		
08/12/85 1300	5050 0000	65.0F 14.3C	8.3	769	93 4.64 56	20 1.64 20	44 1.91 23	1.7 .04 0	210 4.20 51	128 2.66 32	48 1.35 16	4.1 .08 1	.1 --	.5 --	541 466	314 104	1.1 2.5	E
035/13W-22H07 S																		
08/12/85 1230	5050 0000	66.0F 18.9C	8.2	736	76 3.79 54	14 1.15 16	48 2.09 30	1.6 .04 1	188 3.76 53	97 2.02 28	49 1.38 19	.1 .09 0	.1 --	.4 --	453 399	247 59	1.3 2.8	
035/13W-25G02 S																		
08/14/85 0900	5050 0000	67.0F 19.4C	8.2	539	64 3.19 56	12 .99 17	34 1.46 26	1.2 .03 1	193 3.86 67	58 1.21 21	26 .73 13	.2 .00 0	.0 --	.4 --	352 311	209 16	1.0 2.1	
035/13W-35P01 S																		
06/24/85 1220	1101 5050	75.0F 23.9C	7.7	695	67 3.34 49	6.7 .55 8	65 2.83 42	1.6 .04 1	129 2.58 42	94 1.96 32	59 1.66 27	.1 .03 0	140 --	.3 --	420 511	195 66	2.0 3.8	T S
035/13W-35Q03 S																		
06/24/85 1235	1101 5050	78.0F 25.9C	8.0	430	20 1.00 23	1.8 .15 4	71 3.09 72	1.6 .04 1	117 2.34 66	16 .33 9	32 .93 25	.1 .00 0	130 --	.3 --	250 343	57 0	4.1 5.4	T S
045/12W-03H01 S																		
06/12/85 5050	1101 5050	62.0F 16.7C	8.0	422	55 2.74 61	7.9 .65 14	24 1.04 23	3.0 .08 2	156 3.12 80	27 .56 14	8.0 .23 14	.3 .00 0	82.0 --	.4 --	270 301	170 14	0.8 1.5	S
045/12W-06K02 S																		
06/11/85 5050	1101 5050		8.1	348	11 .54 15	.9 .07 2	67 2.91 82	1.1 .03 1	116 2.32 73	12 .24 9	21 .59 10	.3 .00 0	130 --	.5 --	220 313	31 0	3.2 4.6	T S
045/12W-08R002 S																		
08/06/85 1430	5050 0000	74.0F 23.3C	8.1	373	39 1.95 51	4.0 .33 9	34 1.48 39	2.8 .07 2	152 3.74 82	17 .35 9	12 .34 9	.3 .03 0	.1 --	.3 --	207 200	114 0	1.4 2.4	
045/12W-10G01 S																		
06/12/85 5050	1101 5050	64.0F 17.8C	7.9	424	45 2.25 51	5.7 .55 13	35 1.52 35	2.7 .07 2	145 2.90 77	22 .45 12	15 .42 11	.6 .31 0	97.0 --	.4 --	350 311	140 0	1.3 2.3	T S



TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
				CA	MG	NA	K	CACO3	SO4	CL	NO3	8 TJRA	F SIO2	TDS SUM	TH NCH	SAR 454R		
LOS ANGELES HA LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA CENTRAL 454																		
06/12/85	1101 5050	64.0F 17.9C	A.0	381	47 58	6.4 53	26 13	2.7 1.13	142 2.84	18 .37	5.0 .17	.0 .00	50.0 5	.3 --	240 241	144 2	0.9 1.7	S
06/12/85	1101 5050	64.0F 17.9C	8.1	394	49 60	6.9 57	23 14	2.6 1.00	139 2.78	18 .37	6.0 .17	.0 .00	55.0 5	.3 --	240 244	151 12	0.8 1.5	
06/11/85	1101 5050		A.3	303	17 28	1.5 12	47 4	1.2 2.04	97 1.94	11 .23	16 .45	.0 .00	51.0 17	.3 --	190 205	48 0	3.0 3.5	S
06/11/85	1101 5050		A.3	372	43 54	6.2 51	28 13	2.9 1.22	142 2.84	18 .37	7.0 .20	.0 .00	55.0 6	.3 --	230 246	133 0	1.1 1.9	S
06/11/85	1101 5050		7.9	311	16 25	1.2 10	53 3	1.2 2.31	109 2.18	9.0 .19	16 .45	.2 .00	75.0 16	.3 --	210 238	45 0	3.4 4.2	S
06/11/85	1101 5050		A.1	392	10 50	.4 .03	83 1	.6 3.61	142 2.84	8.0 .17	21 .59	1.7 .03	180 16	.5 --	250 390	26 0	7.1 7.6	T S
06/11/85	1101 5050		7.9	342	14 20	1.0 .70	63 2	1.0 2.74	93 1.86	8.0 .17	23 .65	.0 .00	110 24	.5 --	210 276	39 0	4.4 4.7	T S
06/11/85	1101 5050		8.5	350	11 55	.7 .06	67 2	.9 2.91	117 2.34	25 .42	11 .31	.0 .00	64.0 10	.4 --	220 250	30 0	5.3 5.6	S
06/12/85	1101 5050		8.3	352	3.2 16	.1 .01	83 0	.6 3.61	145 2.90	8.0 .17	15 .42	.3 .00	190 12	.5 --	230 387	8 0	12.8 7.3	T S
06/13/85	1101 1200	68.0F 20.0C	A.0	551	58 48	9.8 13	53 36	2.2 1	152 3.04	65 1.35	34 .96	.1 .00	80.0 18	.5 --	320 393	186 31	1.7 3.3	T S
06/12/85	1101 5050		8.2	427	15 75	1.5 .12	82 3	1.5 3.57	142 2.84	9.0 .17	35 .99	.0 .00	200 25	.5 --	270 428	43 0	5.4 7.0	T S
09/07/85	5053 1000	84.0F 28.9C	7.7	627	25 1.25	5.0 .41	104 4.52	5.0 .13	208 4.16	.0 .00	72 2.03	.7 .01	.3 33	.3 --	335 337	83 0	5.0 8.5	
08/12/85	1101 1101		7.6	564	64 67	19 33	1.0 1	-- .04	131 2.62	67 1.39	29 .82	5.3 .09	.34 17	1.1 --	340 264	238 107	0.0 0.1	T
08/23/85	1101 0700		7.8	458	56 58	15 23	22 19	1.9 .05	139 2.78	34 .71	23 .65	4.3 .07	.44 15	1.0 --	290 240	202 62	0.7 1.9	S
05/03/85	5053 5050		7.7	487	58 57	13 21	24 1	1.9 .05	162 3.24	38 .79	21 .59	19.0 .31	.3 12	1.0 --	299 272	198 36	0.7 1.5	
06/04/85	5050 5050		8.4	464	54 57	12 .99	22 21	1.9 .05	169 3.38	29 .60	17 .48	20.0 .32	.3 10	1.0 --	241 258	184 15	0.7 1.4	
04/25/85	5050 5050		7.5	819	96 44	29 27	35 17	3.0 .08	203 4.06	122 2.54	51 1.44	34.1 .55	.1 17	.6 --	540 492	358 156	0.8 1.9	
08/12/85	5053 1037		7.5	830	92 4.59	30 2.47	35 1.52	2.7 .07	180 3.60	118 2.46	50 1.41	7.5 .12	-- 19	-- 2	530 443	353 173	0.8 1.8	S
08/12/85	1101 1101		7.6	419	36 45	11 .90	28 23	2.0 .05	82 1.64	43 .90	26 .73	7.9 .13	.18 21	1.0 --	270 203	135 53	1.0 1.6	T S
01/25/85	5053 1230		A.1	770	84 53	23 1.89	40 24	2.3 .06	196 3.92	70 1.45	45 1.27	72.0 1.16	.1 16	.7 --	373 454	304 108	1.0 2.2	T

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUTENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CAC03	50%	CL	N03	TURB	SI02	TDS SIM	TH NCM	SAR ASAR	
LOS ANGELES HQ 14-SAN GABRIEL RIVER MU RAYMOND HA PASADENA HSA																		
04/30/85	U-05 U-05.C U-05.C1 01N/12W-26401 S	5050 5050			39 1.95 46	9.0 .74 18	31 1.35 33	1.9 .09 1	124 2.48 63	24 .50 13	20 .56 14	26.0 .42 11	.1 --	1.2 --	238 229	134 11	1.2 2.0	
08/16/85	01N/12W-28N01 S	5050 5064			53 2.67 36	20 1.71 23	69 3.04 40	3.5 .09 1	90 1.80 24	193 3.81 51	64 1.80 24	.3 .00 0	.14 --	.6 --	460 449	219 129	2.1 3.6	
04/30/85	01N/12W-34C01 S	5050 5050			45 2.25 45	11 .90 18	42 1.83 36	2.7 .07 1	138 2.76 56	53 1.10 22	29 .82 17	17.0 .27 5	.3 --	1.0 --	309 283	157 20	1.5 2.7	
07/30/85	01N/12W-34E04 S	5050 5064			87 4.34 42	26 2.14 26	40 1.74 21	3.0 .08 1	153 3.06 44	105 2.19 32	54 1.52 22	9.3 .15 2	.02 --	.7 --	490 416	324 171	1.0 2.1	
08/22/85		5050 0000	70.0F 21.1C	8.0	92 4.59 53	26 2.14 23	41 1.78 21	3.6 .09 1	198 3.96 47	112 2.33 28	57 1.61 19	32.0 .52 6	.1 --	.6 --	534 482	336 139	1.0 2.2	
04/30/85	01N/12W-34E14 S	5050 5050			64 3.19 92	17 1.40 23	34 1.48 24	3.0 .08 1	150 3.00 49	62 1.29 21	48 1.35 22	28.0 .45 7	.3 --	.8 --	360 346	230 80	1.0 2.0	
01/25/85	01N/12W-34N01 S	5050 1300			149 7.44 53	42 3.49 25	69 3.00 21	3.4 .09 1	212 4.24 31	255 5.31 38	108 3.05 22	78.0 1.26 9	.3 --	.6 --	891 832	544 333	1.3 3.2	
07/31/85	5050 1315	5064			180 8.98 58	41 3.37 22	68 2.96 19	3.0 .08 1	230 4.60 34	252 3.25 39	114 3.21 24	19.0 .31 2	.03 --	1.2 --	940 815	618 388	1.2 3.0	
08/20/85	5050 1430	0000	72.0F 22.2C	7.9	181 9.03 58	43 3.54 23	66 2.87 18	3.4 .09 1	292 5.83 37	258 3.37 34	111 3.13 20	79.2 1.28 8	.2 --	.6 --	1020 917	628 337	1.1 3.0	
07/31/85	01N/12W-35B01 S	5050 5064			42 2.10 47	11 .90 20	32 1.39 31	1.6 .04 1	105 2.10 62	27 .56 17	21 .59 17	8.6 .14 4	.01 --	.9 --	270 206	180 45	1.1 1.9	
08/21/85	5050 0900	0000	73.0F 22.8C	8.0	45 2.25 41	11 .90 20	29 1.26 28	1.7 .04 1	126 2.52 57	31 .65 15	24 .68 15	34.8 .56 13	.1 --	.9 --	318 292	158 32	1.0 1.8	
01/25/85	01N/12W-34E04 S	5050 5053			92 4.59 54	26 2.14 23	40 1.74 20	3.2 .08 1	200 4.00 47	110 2.29 27	54 1.58 19	38.0 .41 7	.2 --	.6 --	529 489	336 137	0.9 2.2	
01/25/85	U-05.C2 01N/12W-09B01 C	5050 5050			69 3.44 50	25 2.06 30	32 1.39 20	1.6 .04 1	166 3.32 48	48 1.00 15	48 1.35 20	75.0 1.21 18	.0 --	.5 --	434 398	275 109	0.8 1.8	
01/25/85	01N/12W-05G01 S	5050 5050			23 1.15 38	8.0 .55 22	27 1.17 39	1.0 .03 1	92 1.84 62	17 .35 12	21 .59 20	12.0 .19 6	.0 --	.7 --	213 164	90 0	1.2 1.8	
06/04/85	01N/12W-06M06 S	5050 5050			106 5.29 54	34 2.80 29	38 1.65 17	3.0 .08 1	225 4.50 45	105 2.19 22	84 2.37 24	53.0 .85 9	.0 --	.4 --	563 558	404 180	0.8 2.0	
07/30/85	5050 1435	5064			94 4.69 53	31 2.55 29	36 1.57 18	2.6 .07 1	175 3.50 47	84 1.75 24	71 2.03 27	11.7 .18 2	.06 --	.5 --	530 435	362 187	0.8 1.8	
08/19/85	5053 1415	0000	68.0F 20.0C	7.7	95 4.74 55	28 2.30 26	36 1.57 18	2.9 .07 1	208 4.16 48	83 1.73 20	70 1.97 23	45.3 .73 8	.0 --	.4 --	535 485	352 144	0.8 1.9	
01/25/85	01N/12W-08N02 S	5050 5053			99 2.94 94	18 1.48 27	23 1.00 18	1.8 .05 1	144 3.08 57	39 .81 15	31 .87 14	40.0 .65 12	.1 --	.8 --	336 304	221 67	0.7 1.4	
07/31/85	1101 0700	1101			61 3.04 53	20 1.64 28	24 1.04 18	1.9 .05 1	131 2.62	43 .90	34 .96	--	.04 --	.6 --	340 262	235 103	0.7 1.3	
01/25/85	01N/12W-09F01 S	5050 5050	0 F 18 C	8.2	40 2.00 46	16 1.32 31	22 .96 22	1.2 .03 1	116 2.32 55	24 .50 12	25 .71 17	43.0 .69 16	.0 --	.9 --	248 241	166 50	0.7 1.3	
07/31/85	U-05.C3 01N/11W-21G02 S	5050 5064			37 1.85 49	9.9 .81 21	25 1.09 29	1.2 .03 1	124 2.48 82	14 .29 10	9.0 .23 8	1.2 .02 1	.16 --	.7 --	200 171	133 0	0.9 1.6	
08/21/85	5050 1245	0000	64.0F 18.9C	8.2	55 2.74 54	11 .90 18	32 1.39 27	1.9 .05 1	164 3.28 66	33 .89 14	18 .51 10	29.0 .47 9	.2 --	.8 --	303 278	182 18	1.0 2.0	

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER							RFM
					CA	MG	NA	K	CACD3	SO4	CL	NO3	TURB	F	TDS SIM	TH NCH	SAR ASAR			
.....																				
L.A. ANGELES HA L4-SAN GABRIEL RIVER HU SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA																				
07/31/85 0930	1101 1101	72.0F 22.2C	7.3	711	82 4.09 55	23 1.89 26	30 1.31 18	3.7 .09 1	165 3.30 55	74 1.54 26	34 .94 16	11.0 .18 3	.05 --	.4 --	430 357	299 134	0.8 1.6			S
08/21/85 0930	5050 0003	66.0F 14.9C	8.3	320	43 2.15 64	8.0 .86 20	11 .48 14	2.8 .07 2	130 2.60 79	20 .42 13	9.0 .25 8	1.9 .03 1	.0 --	.4 --	220 174	140 11	0.4 0.7			T
07/30/85 0940	1101 1101	63.0F 17.2C	7.7	635	90 4.49 67	17 1.40 21	17 .74 11	4.1 .10 1	179 3.58 68	48 1.00 19	19 .54 10	11.0 .18 3	.05 --	.3 --	390 313	295 116	0.4 0.9			S
08/15/85 1459	1101 1101	70.0F 21.1C	7.9	338	35 1.75	6.6 .54	-- --	-- --	123 2.46 83	14 .29 10	7.0 .20 7	.7 .01 0	.16 --	.7 --	210	115 0				S
08/21/85 1130	5050 0000	65.0F 18.3C	8.1	439	49 2.45 54	12 .99 22	22 .96 22	1.5 .04 1	139 2.78 63	22 .46 10	17 .48 11	42.0 .68 15	.2 --	1.0 --	275 249	172 33	0.7 1.4			
07/31/85 0730	5050 5064		7.9	381	42 2.10 52	12 .99 23	21 .91 23	1.5 .04 1	115 2.30	-- --	18 .51	7.4 .12	.15 --	.8 --	240	154 40	0.7 1.3			
08/15/85 1036	1101 1101	64.0F 17.8C	7.5	647	82 4.09	22 1.81	-- --	-- --	189 3.78 70	37 .77 14	23 .65 12	13.0 .21 4	.05 --	.5 --	390	295 106				S
08/28/85 1101	1101	68.0F 20.0C	6.9	910	91 4.04 44	33 2.71 30	33 2.31 25	3.5 .09 1	131 2.62 36	126 2.62 36	38 1.64 23	22.0 .35 5	.01 --	.4 --	540 455	336 207	1.3 2.6			S
08/35/85 1101	1101	56.0F 13.3C	7.8	325	45 2.25 66	9.3 .76 22	7.7 .33 10	2.8 .02 2	116 2.32 83	15 .31 11	4.0 .11 4	2.4 .04 1	.03 --	.2 --	195 156	151 35	0.3 0.5			C
08/20/85 0930	5050 0000	70.0F 21.1C	8.1	633	68 3.19 51	17 1.40 21	43 1.87 28	1.5 .04 1	180 3.60 55	84 1.75 27	32 .90 14	22.0 .35 5	.0 --	.4 --	403 375	240 60	1.2 2.5			
08/01/85 1335	5050 5064		7.9	911	86 4.29 53	28 2.30 29	32 1.39 17	3.2 .08 1	128 2.56 41	94 1.96 32	46 1.30 21	25.0 .40 6	.04 --	.7 --	500 391	330 202	0.8 1.6			T S
08/20/85 1315	5050 0003	70.0F 21.1C	8.3	511	74 3.69 56	18 1.46 22	30 1.31 20	4.7 .12 2	212 4.24 65	43 .90 14	20 .56 9	33.4 .86 13	.0 --	.3 --	430 370	258 47	0.8 1.6			F
08/05/85 1101	1101	60.0F 15.5C	7.6	443	52 2.59 54	13 1.07 22	24 1.04 22	2.6 .07 1	169 3.38 81	24 .50 12	10 .28 7	.5 .01 0	.03 --	.4 --	270 227	183 14	0.6 1.5			C
08/01/85 1445	5050 5064		7.7	654	83 4.14 63	18 1.48 22	21 .91 14	3.5 .09 1	189 3.78 66	47 .94 17	26 .73 13	13.0 .21 4	.08 --	.4 --	380 325	92	0.5 1.2			C
08/20/85 1030	5050 0003	66.0F 18.9C	8.0	606	82 4.09 63	17 1.40 22	21 .91 14	3.6 .09 1	193 3.86 59	46 .96 15	25 .71 11	60.0 .97 15	.0 --	.3 --	398 370	274 82	0.6 1.2			
08/20/85 0815	1101 1101	63.0F 20.5C	8.1	405	71 1.05 26	18 1.48 36	34 1.48 36	2.9 .07 2	98 1.96 54	47 .98 27	24 .48 19	.2 .00 0	.76 --	.3 --	230 207	126 29	1.3 2.1			S
08/15/85 1000	5050 0003	67.0F 19.4C	8.3	1010	114 5.69 51	35 2.88 26	60 2.61 23	2.4 .06 1	232 4.64 42	183 3.81 35	72 2.03 18	35.0 .56 5	.0 --	.5 --	712 641	428 197	1.3 3.1			F
08/19/85 1130	5050 0000	76.0F 24.4C	8.1	646	59 2.94 42	17 1.40 20	60 2.61 37	2.9 .07 1	195 3.96 47	95 1.98 29	30 .85 12	9.4 .15 2	.0 --	.5 --	398 390	217 22	1.8 3.7			
08/20/85 1000	5050 0000	72.0F 22.2C	8.1	546	55 2.74 47	13 1.07 18	45 1.96 34	2.1 .05 1	181 3.62 63	66 1.37 24	22 .52 11	9.6 .15 3	.0 --	.4 --	369 321	190 10	1.4 2.9			
07/31/85 0915	5050 5064		7.6	959	85 4.24 42	26 2.14 21	84 3.69 36	2.5 .06 1	183 3.66 40	178 3.71 40	63 1.78 19	4.0 .06 1	.14 --	.7 --	600 552	319 136	2.0 4.5			S

MINERAL ANALYSES OF GROUND WATER

184

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAR	TEMP	FJEO LABORATORY PH	FJEO EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				SAR ASA#	PEM
					CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SiO2	TDS SUM	TM MCH			
LOS ANGELES HR LA-SAN GABRIEL RIVER MII SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA																			
08/19/85 1132	1101 1101	71.0F 21.6C	7.5	345	32 1.60 44	9.5 .78 22	27 1.17 33	1.8 .05 1	115 2.30 7A	16 .33 11	12 .34 11	2.2 .04 1	.11 --	.6 --	200 170	119 4	1.1 1.0	S	
08/06/85 1055	1101 1101		7.5	325	30 1.50 43	9.9 .81 23	26 1.13 32	1.8 .04 1	122 2.44 83	14 .29 10	7.0 .20 7	.6 .01 0	.11 --	.7 --	200 162	116 0	1.1 1.7	S	
08/06/85 1125	1101 1101		7.5	400	41 2.05 48	12 .99 23	28 1.22 28	1.7 .04 1	13A 2.72 73	10 .62 17	12 .34 9	1.7 .03 1	.10 --	.6 --	250 208	152 16	1.0 1.0	S	
08/19/85 0915	5053 0000	73.0F 21.1C	7.9	1390	20A 10.28 61	47 3.87 23	60 2.61 15	3.9 .10 1	310 6.59 40	131 6.89 41	89 2.51 15	39.0 .63 4	.1	.5 --	1000 974	707 378	1.0 2.7	E C	
08/20/85 1130	1101 1101	78.0F 25.5C	8.5	730	54 2.69 36	20 1.64 22	70 3.05 41	3.6 .09 1	-- 1.73	179 1.75	62 1.75	1.7 .03	.12 --	.5 --	480	217	0.0		
08/20/85 1225	1101 1101	66.0F 18.9C	7.0	1610	160 7.98 50	56 4.81 29	75 3.26 20	2.5 .08 0	139 2.78 20	392 7.95 56	118 3.33 23	8.2 .13 1	.29 --	1.3 --	1150 885	630 491	1.3 3.0	E T S	
08/20/85 1400	1101 1101	73.0F 22.8C	7.9	1290	48 2.40 17	26 2.14 16	210 9.14 66	2.6 .07 1	312 6.23 47	149 3.52 27	94 2.65 20	50.0 .81 6	.17 --	1.4 --	790 787	227 0	6.1 13.7	S	
08/29/85	1101 1101	68.0F 18.9C	7.3	1590	150 7.49 45	51 4.19 25	110 4.79 29	2.6 .07 0	230 4.60 30	240 5.00 33	185 5.22 35	17.0 .27 2	.31 --	1.7 --	1050 894	584 354	2.0 5.0	S	
08/05/85	1101 1101	72.0F 22.2C	7.1	1600	230 11.48 58	55 4.52 23	84 3.65 18	1.1 .08 0	295 5.89 32	395 8.22 45	141 3.98 22	8.2 .13 1	.34 --	1.4 --	1150 1094	801 506	1.3 3.5	E S	
06/13/85	1101 5050		7.6	917	99 4.94 48	23 1.89 18	77 3.15 33	4.7 .12 1	17A 1.52 37	16A 3.46 3A	88 2.48 26	3.2 .05 1	190 --	.5 --	570 756	344 166	1.0 4.0	T S	
09/15/85 0943	1101 1101	61.0F 17.2C	7.6	428	54 2.49 59	13 1.07 24	16 .70 15	3.5 .09 2	142 2.84 75	12 .67 18	8.0 .23 6	1.8 .03 1	.06 --	.4 --	260 214	188 46	0.5 1.0	S	
07/30/85 1015	1101 1101	61.0F 16.1C	7.8	375	47 2.35 58	12 .99 25	14 .61 15	3.2 .08 2	131 2.62 79	27 .56 17	5.0 .14 4	.7 .01 0	.06 --	.3 --	210 188	167 36	0.5 0.9	S	
07/30/85 0845	1101 1101	61.0F 14.1C	7.7	195	54 2.69 65	12 .99 24	10 .44 11	2.0 .05 1	138 2.76 78	28 .58 16	5.0 .14 4	3.2 .05 1	.03 --	.2 --	250 197	184 46	0.3 0.6	T S	
07/30/85 1230	5050 5064	70.0F 21.1C	7.7	353	45 2.25 59	11 2.89 24	13 .57 15	3.3 .08 2	116 2.32 7A	24 .50 17	9.0 .14 5	.9 .01 0	.06 --	.3 --	200 172	158 42	0.5 0.6	S	
08/20/85 1030	1101 1101	68.0F 20.0C	7.3	870	110 5.49 63	25 2.06 24	26 1.13 13	2.2 .06 1	164 3.24 4A	106 2.21 32	38 1.02 15	22.0 .35 5	.03 --	.7 --	540 426	378 214	0.6 1.3	T S	
08/08/85	1101 1101		7.4	924	130 6.44 65	27 2.22 22	27 1.17 12	2.3 .08 1	213 4.26 51	139 2.89 34	33 .93 11	10.3 .31 4	.04 --	.4 --	580 505	436 223	0.6 1.4	S	
08/15/85 1200	5050 0030	86.0F 18.9C	8.1	1630	137 8.84 60	26 2.26 19	52 2.26 20	1.3 .08 1	268 5.35 47	162 3.37 30	59 1.49 13	68.0 1.06 9	.4	.4 --	666 660	449 182	1.1 2.7		
08/19/85 1000	5053 0000	70.0F 21.1C	8.1	855	98 4.79 53	20 1.64 18	48 2.44 27	4.5 .12 1	178 3.56 39	188 3.55 39	93 1.49 16	11.3 .50 6	.2	.3 --	531 539	322 144	1.4 3.0		

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER																						
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						SAP ASAR	REM			
				CA	MG	NA	K	CaCO3	SO4	CL	NO3	B TJ99	F S102	TOS SUM	TH NCH							
* * * * *																						
				LOS ANGELES MR																		
				LA-SAN GABRIEL RIVER HU																		
				SPADRA H6																		
				POMONA HSA																		
07/30/85	1101																					
1415	1101	72.0F		70	14	--	38	103	78	24	21.0	.15	.3			390	232					
		22.2C	7.9	639	3.49	1.15	.97	2.06	1.62	.68	.34	--					129				5	
								44	34	14	7											
				015/08W-10N01 S																		
08/15/85	1101	68.0F		57	7.2	15	2.0	131	29	7.0	4.7	27.0	.2			250	172	0.9				
	1101	20.0C	7.6	406	2.84	.59	.65	.05	2.62	.60	.20	.08		--		227	41	0.9			5	
					69	14	16	1	75	17	6	2										
				015/09W-12R01 S																		
08/19/85	5050	73.0F		60	15	39	2.3	180	59	37	69.6	.1	.2			473	261	1.1			F	
1215	0060	22.8C	8.1	674	3.99	1.23	1.70	.06	3.60	1.23	1.04	1.12		--		410	81	2.2				
					57	18	24	1	52	18	15	16										
				015/09W-12R01 S																		
08/02/85	5050			71	15	38	2.1	135	52	32	15.3	.08	.3			390	239	1.1				
0800	5064		7.7	642	3.54	1.23	1.65	.05	2.70	1.08	.90	.24		--		306	104	2.1			T	
					55	19	26	1	55	22	18	5									C	
				U-05.E3																		
				LIVE OAK HSA																		
				01N/08W-33A01 S																		
08/14/85	5050	71.0F		54	15	42	1.1	142	58	46	20.0	.0	.9			358	196	1.3				
1400	0009	21.6C	7.5	568	2.69	1.23	1.83	.03	2.84	1.21	1.30	.32		--		321	94	2.5				
					47	21	32	1	50	21	23	8										

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLE LAP	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REMARKS
					CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SiO2	TDS SUM	TH NCM	SAR ASAR		
SOUTH LAHONTAIN HB ANTELOPE HU CHAFER HA LANCASTER HSA																			
06/10/85 1000	5050 0000	71 22	F C	7.7 8.2	300 191	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	Y S
06N/12W-01M01 S																			
06/06/85 1400	5050 0000	79 26	F C	8.0 8.3	175 229	25 1.25 51	1.0 .08 3	25 1.09 45	.5 .01 0	98 1.96 80	15 .31 13	4.0 .17 7	.4 .01 0	.0 --	.2 --	130 132	46 0	1.3 1.8	Y
06N/12W-13N01 S																			
06/21/85 0830	5050 0000	81 27	F C	8.0 8.2	280 306	17 .85 26	3.0 .25 4	30 2.18 66	1.2 .03 1	128 2.56 79	24 .50 15	5.0 .17 5	.9 .01 0	.0 --	.4 --	229 179	35 0	2.9 4.0	F T
06N/12W-30R01 S																			
05/08/85 0800	5050 0000	78 26	F C	7.8 8.1	625 680	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06N/13W-04M01 S																			
06/06/85 1300	5050 0000	79 26	F C	8.1 8.3	530 692	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	Y
07W/10W-30E01 S																			
06/07/85 1200	5050 0000	72 22	F C	7.7 8.0	470 565	69 3.44 62	15 1.23 22	20 .87 16	1.4 .04 1	118 2.36 42	111 2.31 41	30 .85 15	4.6 .07 1	.1 --	.3 --	361 322	234 116	0.6 1.1	--
07W/10W-33A01 S																			
06/08/85 1400	5050 0000	78 26	F C	7.9 8.1	470 534	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
07N/13W-24M02 S																			
06/20/85 1100	5050 0000	72 22	F C	7.6 8.3	550 634	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
W-26.47 05N/11W-09A02 S																			
06/21/85 1000	5050 0000	68 20	F C	7.3 8.2	310 359	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
05N/11W-16R02 S																			
05/07/85 1100	5050 0000	77 25	F C	7.3 7.6	2753	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
03N/12W-02K04 S																			
36/11/85 0730	5050 0000	64 18	F C	7.3 7.9	1600 1820	124 6.19 33	52 4.28 23	190 8.27 44	.5 .01 0	230 4.60 25	207 4.31 23	310 8.74 48	45.6 .74 4	.5 --	.6 --	1190 1068	323 294	3.6 8.9	--
06N/09W-04M02 S																			
06/11/85 1430	5050 0000	72 22	F C	7.9 8.2	300 370	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06N/09W-10M01 S																			
06/20/85 1415	5050 0000	73 23	F C	8.0 8.3	310 338	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
06N/11W-32P02 S																			
06/21/85 1200	5050 0000	74 23	F C	8.1 8.3	260 302	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
W-26.48 04W/09W-06A01 S																			
06/18/85 1300	5050 0000	78 26	F C	7.7 8.2	460 549	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
04W/09W-05L01 S																			
06/14/85 1000	5050 0000	78 24	F C	7.2 8.2	490 507	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
04W/09W-03M01 S																			
05/14/85 1130	5050 0000	69 21	F C	7.6 8.1	350 369	45 2.25 55	16 1.32 32	11 .48 12	1.8 .05 1	149 2.98 71	44 1.00 24	7.0 .20 5	.1 .00 0	.1 --	.1 --	194 218	178 30	0.4 0.7	--
04W/09W-10L01 S																			
06/13/85 1200	5050 0000	73 21	F C	7.8 8.3	440 699	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	Y
06N/10W-02M01 S																			
06/11/85 0930	5050 0000	62 17	F C	8.9 8.3	375 404	56 2.79 60	14 1.15 25	15 .65 14	2.2 .06 1	174 3.48 74	32 .67 14	11 .31 7	13.8 .22 5	.0 --	.3 --	264 248	197 23	0.3 0.9	--

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					PEM
					CA	MG	NA	K		CaCO3	SO4	CL	NO3	TURB	Fe	TDS SUM	TH NCH	SAR ASAR	
LAHONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA																			
06/11/85 1100	W-26 W-26.A W-26.AB 04N/10V-10001 S	79	F	8.1	475	55	21	28	2.9	150	127	6.0	.4	.0	.3	346	224	0.8	
		26	C	8.4	539	2.74	1.73	1.22	.07	3.00	2.64	.17	.01		--	--	390	74	1.6
06/11/85 1200	04N/10V-15N01 S	73	F	7.3	500	--	--	--	--	--	--	--	--	--	--	--	--	--	
		24	C	7.7	622														
06/13/85 1030	05N/08V-13H01 S	84	F	7.9	410	--	--	--	--	--	--	--	--	--	--	--	--	--	
		29	C	8.1	495														
06/18/85 1200	05N/08V-25H01 S	92	F	7.9	480	59	22	27	5.6	159	128	3.0	1.3	.0	.3	507	298	0.8	F
		33	C	8.1	534	2.94	1.81	1.17	.14	3.18	2.66	.08	.02		--	--	341	79	1.6
06/10/85 1600	05N/08V-24P01 S			8.4	330	7.0	.0	82	.5	103	70	10	1.8	.1	.6	292	18	8.4	Y
				8.4	422	.35	.00	3.57	.01	2.06	1.46	.26	.03		--	--	233	0	6.3
06/10/85 1300	05N/08V-25A01 S	85	F	8.4	330	--	--	--	--	--	--	--	--	--	--	--	--	--	
		29	C	8.3	393														
06/13/85 0800	05N/08V-26N01 S	83	F	8.4	330	--	--	--	--	--	--	--	--	--	--	--	--	--	
		28	C	8.4	396														
06/20/85 1400	05N/10V-05R01 S	74	F	7.7	280	38	4.0	29	1.0	124	42	9.0	.5	.0	.2	208	112	1.2	
		23	C	8.4	330	1.90	.33	1.26	.03	2.48	.87	.25	.01		--	--	198	0	2.0
06/20/85 1345	05N/10V-07N01 S	76	F	7.8	420	--	--	--	--	--	--	--	--	--	--	--	--	--	
		24	C	8.2	488														
06/20/85 1330	05N/10V-07R01 S	76	F	7.7	400	--	--	--	--	--	--	--	--	--	--	--	--	--	
		24	C	8.2	495														
06/10/85 1100	05N/10V-16J01 S	83	F	8.3	330	--	--	--	--	--	--	--	--	--	--	--	--	--	Y
		28	C	8.2	441														
06/08/85 1000	05N/10V-26J01 S	78	F	7.4	550	71	21	47	.9	222	104	22	10.4	.1	.6	440	264	1.3	
		26	C	8.5	670	3.54	1.73	2.04	.02	4.44	2.17	.62	.17		--	--	410	42	2.8
06/08/85 1100	05N/10V-29C01 S	80	F	7.6	1200	103	38	165	3.2	172	422	102	4.8	.2	.9	1020	415	3.5	
		27	C	8.3	1460	5.14	3.13	7.18	.08	3.44	8.79	2.68	.08		--	--	941	242	7.9
06/07/85 0930	05N/11V-02C02 S	76	F	7.8	240	--	--	--	--	--	--	--	--	--	--	--	--	--	
		24	C	8.1	269														
06/12/85 1000	06N/08V-09P01 S	79	F	7.4	1000	--	--	--	--	--	--	--	--	--	--	--	--	--	
		25	C	8.2	1190														
06/13/85 1300	06N/08V-19H01 S	80	F	8.0	390	--	--	--	--	--	--	--	--	--	--	--	--	--	
		27	C	8.3	472														
06/12/85 1403	06N/08V-32P01 S	79	F	8.0	330	--	--	--	--	--	--	--	--	--	--	--	--	--	
		26	C	8.2	401														
06/18/85 0900	06N/08V-35F02 S	79	F	8.1	400	24	6.0	66	4.0	76	145	5.0	2.2	.0	.5	300	90	3.0	
		24	C	8.0	470	1.30	.49	2.87	.10	1.52	3.02	.14	.04		--	--	300	14	4.0
06/12/85 0830	06N/08V-22L01 S	64	F	7.7	660	84	31	39	2.6	104	203	72	6.3	.1	.6	541	337	0.9	
		19	C	8.3	417	4.19	2.55	1.70	.06	2.08	4.23	2.03	.10		--	--	500	233	1.8
06/17/85 1430	06N/08V-35H01 S	77	F	7.7	300	--	--	--	--	--	--	--	--	--	--	--	--	--	
		25	C	8.2	348														



TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
				CA	MG	NA	K	CA	SO4	CL	NO3	TU44	SI02	70S SUM	TH NCH	SAR ASAR		
*****																		
				LAHONTAN DRAINAGE PROVINCE														
				ANTELOPE HYDRO UNIT														
				ANTELOPE HYDRO SUBUNIT														
				ROCK CREEK HYDRO SUBAREA														
06/14/84	5050		81 F	7.9	300	--	--	--	--	--	--	--	--	--	--	--	--	
1400	0000		27 C	4.2	35%	--	--	--	--	--	--	--	--	--	--	--	--	
				MOJAVE HU														
				LOWER MOJAVE HA														
11/29/84	4743					63	11	62	2.8	--	--	89	51	12.3	--	--		0.0
	0000			7.6	672	3.14	.90	2.70	.07			1.85	1.44	.19	--	--		S
						4.6	13	40	1									
05/02/85	4743					--	--	140	--	--	--	171	104	6.3	--	.6	750	
	0000							6.09				3.56	2.93	.10	--	--		S
07/17/85	4740							12	68	3.0	--	93	94	3.3	--	.7	430	0.0
	0000			7.7	719	3.39	.99	2.96	.08			1.94	1.52	.05	--	--		
						4.6	13	40	1									
11/29/84	4740							12	70	2.6	--	106	37	6.8	--	.5	410	0.0
	0000			7.6	608	2.30	.72	3.05	.07			2.25	1.04	.11	--	--		
						37	12	50	1									
11/29/84	4740							10	120	2.8	--	132	82	28.0	--	.5	660	0.0
	0000			7.6	952	3.29	.84	5.37	.07			2.75	2.31	.45	--	--		
						34	9	57	1									

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REMARKS
				CA	MG	NA	K	CA03	SO4	CL	NO3	TURB	SiO2	F SUM	ZNS	TH NCN	SAR ASAR	
*****																		
	Y-01 Y-01.8 Y-01.81 015/08W-13NDJ7 S		SANTA ANA HA SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO HSA															
07/30/85 1350	1101 1101		64.0F 17.8C		80 6.91	24 1.97	-- --	206 4.16		-- --	27 .76	4.4 .07	.02 --	1.8 --	380	299 90		
08/28/85	015/08W-19ADJ2 S 1101 1101		71.0F 21.6C	7.6 710	83 4.14 57	10 .82 11	51 2.22 31	2.3 .06 1	131 2.62 46		112 2.33 41	20 .56 10	19.0 .24 4	.05 --	470 372	249 117	1.4 2.8	Y S
08/08/85	015/08W-29NDJ1 S 1101 1101			7.5 599	82 4.09 69	14 1.23 21	13 .57 10	1.9 .05 1	131 2.62 46		93 1.10 24	23 .65 14	17.0 .27 6	27.0 --	.3 310	380 135	267 0.7	
08/09/85	015/08W-32P05 S 1101 1101		70.0F 21.1C	7.7 515	71 3.54 67	13 1.07 20	15 .69 12	1.8 .05 1	138 2.76 62		98 1.21 27	16 .45 10	3.2 .05 1	27.0 --	.3 288	330 93	231 0.9	
	Y-01.83 015/08W-03ADJ1 S		CLAREMONT HSA															
07/30/85 1310	1101 1101		64.0F 17.8C	7.6 329	48 2.40 68	10 .82 23	6.0 .26 7	1.9 .04 1	120 2.40 82		22 .46 16	2.0 .06 2	.9 .01 2	27.0 --	.3 190	200 41	161 0.4	
04/08/85	015/08W-03F03 S 1101 1101			7.5 396	51 2.54 54	14 .72 18	15 .62 16	1.8 .04 1	123 2.46 76		33 .62 19	4.0 .11 3	4.0 .06 2	.06 --	.5 188	230 40	144 0.9	
	Y-02 Y-02.8 Y-02.81 045/01W-25G01 S		SAN JACINTO VALLEY HSA SAN JACINTO HA GILMAN MNT SPRINGS HSA															
03/15/85 1510	5875 5875		65 F 19 C	7.3 429	65 3.24 38	27 2.27 26	70 3.05 35	4.5 .12 1	93 1.86 22		259 5.37 64	37 1.04 12	8.4 .14 2	.4 --	.7 526	980 140	241 3.5	
05/02/85 0930	5875 4475		62 F 17 C	8.1 543	94 4.69 71	14 .72 11	26 1.13 17	4.3 .11 2	153 3.06 46		123 2.56 39	34 .99 15	.4 .01 0	.1 --	.2 383	350 118	259 1.5	

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER																	
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTION VALUE				MILLIGRAMS PER LITER					
				CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SI02	TDS SUM	TH HCN	SAR 4542	REM
Z 7-07 2-07.A 7-07.A3 155/01E-31F03 S																	
11/01/84 1000	5050 0000	71.0F 21.4C	6.8 7.9	1400	90 4.49 33	41 3.37 25	132 5.74 42	4.1 .10 1	150 3.00 22	162 3.37 25	228 6.43 47	50.0 .91 6	.1 --	.8 707	393 243	2.9 6.3	X
165/01E-0600A S																	
11/01/84 1920	5050 0000	76.0F 24.4C	7.0 8.0	2090	144 7.19 32	78 6.41 28	208 9.05 40	3.4 .09 0	232 4.64 21	341 7.10 32	271 7.64 34	185 2.98 13	.1 --	.6 1370	1460 448	3.5 8.8	
165/01E-06007 S																	
11/01/84 1949	5050 0000	73.0F 22.8C	7.0 8.1	2010	146 7.29 31	81 6.66 29	212 9.27 40	2.2 .06 0	282 5.63 24	402 8.37 36	289 8.15 35	75.0 1.21 5	.4 --	.6 1377	1510 416	3.5 9.2	
165/01E-07H03 S																	
11/02/84 1010	5050 0000	70.0F 21.1C	6.9 7.7	2700	218 10.88 32	147 12.09 36	250 10.88 32	5.9 .18 1	291 5.81 17	588 12.24 36	521 14.69 43	73.0 1.18 3	.2 --	.7 1979	1150 659	3.2 9.0	
165/01E-18H04 S																	
11/20/84 0855	5050 0000	58.0F 14.4C	6.8 8.0	1500	160 7.98 30	131 10.77 41	175 7.61 29	5.0 .20 1	238 4.76 18	562 11.70 45	314 8.85 34	54.0 .87 3	.2 --	.4 1547	1700 700	2.5 6.7	EY
155/01W-36K03 S																	
11/01/84 1415	5050 0000	73.0F 22.8C	7.1 8.0	1700	145 7.24 28	91 7.48 29	245 10.66 42	2.9 .07 0	315 6.29 25	509 10.60 42	271 7.54 30	54.0 .87 3	.2 --	.8 1507	1640 422	3.9 10.6	EY
165/01W-11G10 S																	
11/02/84 1335	5050 0000	74.0F 23.3C	7.0 8.0	2400	179 8.93 36	101 8.31 33	170 7.40 30	10 .26 1	316 6.31 26	171 3.56 15	474 13.37 55	77.0 1.24 5	.4 --	.4 1372	1390 547	2.5 7.0	
165/01W-12G07 S																	
11/20/84 1130	5050 0000	64.0F 17.8C	6.4 8.3	1800	76 3.79 38	27 2.22 22	86 3.74 38	4.7 .12 1	131 2.62 27	294 5.29 54	67 1.89 19	1.7 .03 0	.1 --	.4 595	637 170	2.2 4.4	Y
165/01W-12J01 S																	
10/10/84 1345	5050 0000	73.0F 22.8C	7.0 8.3	3000	183 9.13 27	108 8.88 26	360 15.66 46	8.2 .21 1	268 5.35 16	574 11.95 35	493 13.90 41	162 2.61 8	.5 --	.7 2049	2330 634	5.2 14.0	E
165/01W-13A01 S																	
10/10/84 1230	5050 0000	70.0F 21.1C	7.2 8.0	1700	123 6.14 26	81 6.66 28	250 10.68 46	5.1 .16 1	234 4.68 20	217 4.52 19	451 12.72 54	88.0 1.42 5	.2 --	.7 1357	1510 406	4.3 10.8	Y S
165/01W-13A03 S																	
10/10/84 1230	5050 5050	70.0F 21.1C	7.2 8.0	1700	123 6.14 26	81 6.66 28	250 10.68 46	5.1 .16 1	234 4.68 20	217 4.52 19	451 12.72 54	88.0 1.42 6	.2 --	.7 1357	1510 406	4.3 10.8	Y S
165/01W-13H02 S																	
11/20/84 1330	5050 0000	72.0F 22.2C	6.9 8.0	1750	91 4.54 22	98 8.06 40	175 7.61 37	4.0 .10 0	289 5.77 29	230 4.79 24	314 8.81 44	44.0 .71 4	.3 --	.4 1130	1240 342	3.0 8.0	
165/01W-13H01 S																	
11/02/84 1125	5050 0000	68.0F 20.0C	6.8 8.3	2500	156 7.78 30	108 8.88 34	220 9.57 36	5.2 .13 0	308 6.15 24	526 10.95 42	280 7.90 30	71.0 1.15 4	.3 --	.6 1551	1700 433	3.3 9.1	E
165/01W-14F04 S																	
11/19/84 1430	5050 0000	68.0F 20.0C	7.1 8.1	2400	138 6.89 27	89 7.32 29	255 11.09 44	4.6 .12 0	264 5.27 21	340 7.08 28	406 11.45 45	113 1.82 7	.2 --	.8 1504	1610 447	4.2 10.9	
165/01W-14H01 S																	
10/09/84 1700	5050 0000	70.0F 21.1C	7.0 7.7	2200	134 6.59 24	108 8.88 32	285 12.40 44	7.2 .18 1	428 8.55 31	470 9.97 36	320 9.02 33	11.5 .19 1	.4 --	.7 1602	1740 451	4.4 12.6	E
165/01W-15H01 S																	
11/19/84 1623	5050 0000	67.0F 19.4C	6.8 8.0	2200	121 6.04 24	101 8.31 34	235 10.22 41	3.8 .10 0	294 5.91 24	521 10.85 44	259 7.30 30	24.0 .39 2	.3 --	.7 1443	1570 422	3.8 10.2	E
165/01W-23E01 S																	
10/10/84 1120	5050 0000	68.0F 20.0C	6.8 7.7	2200	114 5.69 22	97 7.98 30	285 12.40 47	5.0 .13 0	320 6.39 29	545 11.35 44	256 7.22 28	40.0 .65 3	.3 --	.8 1534	1690 463	4.7 12.7	E S
165/11W-23E01 S																	
10/10/84 1120	5050 5050	68.0F 20.0C	6.8 7.7	2200	114 5.69 22	97 7.98 30	285 12.40 47	5.0 .13 0	320 6.39 29	545 11.35 44	256 7.22 28	40.0 .65 3	.3 --	.8 1534	1690 463	4.7 12.7	E S
7-03 7-04.A 7-09.A2 175/02W-33A01 S																	
01/22/85 1500	5050 5050	73.0F 22.8C	7.4 7.1	1250	69 3.44 6	117 9.42 17	938 40.80 74	5.2 1.3 2	448 8.95 16	307 6.39 12	1420 40.04 72	1.2 .02 3	1.1 --	1.3 1174	3150 206	16.0 42.9	Y

MINERAL ANALYSES OF GROUND WATER

191

## MINOR ELEMENT ANALYSES OF GROUND WATER

### Lab and Sampler Agency Code

1101 - Los Angeles County Flood Control District  
5050 - California Department of Water Resources  
5875 - Eastern Municipal Water District

### Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
EC	- Electrical conductance in microsiemens at 25 o C
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	- Measure of acidity or alkalinity of water
CHROM (ALL)	- All Chromium
CHROM (HEX)	- Hexavalent Chromium
D	- Dissolved
T	- Total

TABLE E-2  
MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAR	EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
II U-03 U-03.E U-03.E1 03N/15V-05002 S LOS ANGELES HA SANTA CLARA-CALLEGUAS HU UPPER SANTA CLARA RIVER HA EASTERN MSA									
03/07/85 1600	1101 1101		66.0F	--	--	--	2.10 0	0.012 0	--
03N/16V-02A02 S									
03/18/85 0945	1101 1101		69.0F	--	--	--	0.030 0	0.012 0	--
03N/16V-11H02 S									
03/21/85 1101	1101 1101		59.0F	--	--	--	0.13 0	0.012 0	--
04N/14V-17H04 S									
03/07/85 1325	1101 1101		50.0F	--	--	--	0.30 0	0.012 0	--
04N/15V-01E01 S									
03/07/85 1415	1101 1101		60.0F	--	--	--	0.360 0	0.012 0	--
04N/15V-02J03 S									
03/07/85 1405	1101 1101		58.0F	--	--	--	0.030 0	0.012 0	--
04N/15V-06H01 S									
03/12/85 1035	1101 1101		60.0F	--	--	--	0.630 0	0.012 0	--
04N/15V-06P02 S									
03/21/85 0940	1101 1101		65.0F	--	--	--	0.030 0	0.012 0	--
04N/15V-11R02 S									
03/07/85 1345	1101 1101		59.0F	--	--	--	0.036 0	0.012 0	--
04N/15V-11N03 S									
03/12/85 1310	1101 1101		64.0F	--	--	--	0.030 0	0.012 0	--
04N/15V-18N02 S									
03/21/85 1000	1101 1101		61.0F	--	--	--	0.630 0	0.012 0	--
04N/15V-21M06 S									
03/21/85 1101	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--
04N/15V-23F04 S									
03/21/85 1101	1101 1101			--	--	--	0.120 0	0.012 0	--
04N/15V-26K01 S									
03/12/85 1410	1101 1101		60.0F	--	--	--	0.030 0	0.012 0	--
04N/16V-12N02 S									
03/21/85 0945	1101 1101		63.0F	--	--	--	0.030 0	0.012 0	--
04N/16V-14F02 S									
03/14/85 1145	1101 1101		62.0F	--	--	--	0.030 0	0.012 0	--
04N/16V-15R01 S									
03/14/85 1155	1101 1101		64.0F	--	--	--	0.038 0	0.012 0	--
04N/16V-22002 S									
03/14/85 1200	1101 1101		68.0F	--	--	--	0.044 0	0.012 0	--
04N/16V-22H01 S									
03/14/85 1140	1101 1101		64.0F	--	--	--	0.230 0	0.012 0	--
04N/16V-27J03 S									
03/18/85 1315	1101 1101		68.0F	--	--	--	0.631 0	0.023 0	--
04N/16V-34A01 S									
03/18/85 1330	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--

TABLE E-2 (CONTINUED)  
MINOR ELEMENT ANALYSES OF FROTHING WATER

DATE TIME	SAMP LAR	EC	TEMP PH	ARSENIC	CONSTITUENTS MARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
U U-03 U-03.E U-03.E1 04N/16W-35K01 S				LOS ANGELES HR SANTA CLARA-CALLEGUAS HU UPPER SANTA CLARA RIVER HA EASTERN HSA						CONTINUED
03/14/85 1000	1101 1101		58.0F	--	--	--	0.030 0	0.012 0	--	--
04N/16W-35L01 S										
03/19/85 0850	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
04N/16W-35M05 S										
03/18/85 1345	1101 1101		65.0F	--	--	--	0.030 0	0.012 0	--	--
04N/16W-36M04 S										
03/21/85 1101	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-03K02 S										
03/20/85 1145	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-13C01 S										
03/20/85 0930	1101 1101		69.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-14M04 S										
03/20/85 0920	1101 1101		65.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-22E02 S										
03/20/85 0950	1101 1101		69.0F	--	--	--	0.03 0	0.012 0	--	--
05N/14W-29P01 S										
03/12/85 1250	1101 1101		70.0F	--	--	--	0.045 0	0.012 0	--	--
05N/15W-33E01 S										
03/12/85 1045	1101 1101		58.0F	--	--	--	0.074 0	0.012 0	--	--
05N/16W-34P02 S										
03/20/85 1110	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
05N/16W-36R03 S										
03/12/85 1015	1101 1101		54.0F	--	--	--	0.044 0	0.012 0	--	--
U-03.E4 05N/13W-18R01 S				SIERRA PELONA HSA						
03/12/85 1140	1101 1101		55.0F	--	--	--	0.030 0	0.085 0	--	--
05N/14W-14F02 S										
03/07/85 1505	1101 1101		59.0F	--	--	--	0.030 0	0.012 0	--	--
U-03.E5 04N/12W-02E02 S				ACTON HSA						
03/12/85 1130	1101 1101		50.0F	--	--	--	0.0140 0	0.037 0	--	--
04N/12W-05G02 S										
03/07/85 1120	1101 1101		50.0F	--	--	--	0.068 0	0.032 0	--	--
04N/13W-01C02 S										
03/07/85 1020	1101 1101		60.0F	--	--	--	0.036 0	0.012 0	--	--
04N/13W-09M01 S										
03/07/85 1215	1101 1101		55.0F	--	--	--	0.030 0	0.012 0	--	--
04N/13W-11L01 S										
03/07/85 1135	1101 1101		64.0F	--	--	--	0.030 0	0.012 0	--	--
04N/13W-12C04 S										
03/07/85 1145	1101 1101		59.0F	--	--	--	0.030 0	0.012 0	--	--

TABLE E-2 (CONTINUED)  
MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAR	EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER BARIUM CADMIUM COPPER (ALL) COPPER (HEX)	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
II II-03 II-03.E II-03.E5 04N/13V-15A01 S				LOS ANGELES HR SANTA CLARA-CALLEGIAS HU UPPER SANTA CLARA RIVER HA ACTION HSA				CONTINUED
03/07/85 1203	1101 1101		50.0F	--	--	0.030 D	0.012 D	--
04N/14V-15H01 S				--	--	--	--	--
03/12/85 1130	1101 1101		60.0F	--	--	0.030 D	0.012 D	--
05N/12V-32F03 S				--	--	--	--	--
03/07/85 1040	1101 1101		50.0F	--	--	0.030 D	0.012 D	--
05N/13V-25C01 S				--	--	--	--	--
03/07/85 1000	1101 1101		49.0F	--	--	0.062 D	0.012 D	--
05N/13V-35A03 S				--	--	--	--	--
03/12/85 1150	1101 1101		58.0F	--	--	0.036 D	0.012 D	--
U-05 U-05.A U-05.A5 015/12V-05G01 S				LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA CENTRAL HSA				
07/30/85 1350	5050 1350			--	--	0.030 T	0.012 T	--
U-05.C U-05.C1 01N/11V-30D04 S				RAYMOND HA PASADENA HSA				
08/12/85	1101			--	--	0.000 T	0.012 T	--
01N/11V-30H01 S				--	--	--	--	--
08/23/85 0700	1101 0700			--	--	0.030 T	0.012 T	--
01N/11V-30J01 S				--	--	--	--	--
05/03/85 5050	5050 5050			--	--	0.02 D 0.05 D	-- 0.00 D	-- 0.02 D
06/04/85 5050	5050 5050			--	--	0.02 D 0.05 D	-- 0.00 D	-- 0.09 D
01N/12V-20R01 S				--	--	--	--	--
04/25/85 5050	5050 5050			--	--	0.02 D 0.03 D	-- 0.00 D	-- 0.02 D
08/12/85 1037	5050 1037			--	--	0.030 T	0.012 T	--
01N/12V-21K01 S				--	--	--	--	--
08/12/85 1110	1101 1110			--	--	0.030 T	0.012 T	--
01N/12V-25K01 S				--	--	--	--	--
01/25/85 1230	5050 1230			--	--	0.00 D 0.06 D	-- 0.01 D	-- 0.49 D
01N/12V-26A01 S				--	--	--	--	--
04/30/85 5050	5050 5050			--	--	0.23 D 1.5 D	-- 0.00 D	-- 0.07 D
01N/12V-28N01 S				--	--	--	--	--
08/16/85 1535	5050 1535			--	--	0.030 T	0.012 T	--
01N/12V-34C01 S				--	--	--	--	--
04/30/85 5050	5050 5050			--	--	0.01 D 0.13 D	-- 0.00 D	-- 0.02 D
01N/12V-34E04 S				--	--	--	--	--
01/25/85 1330	5050 5050			--	--	0.00 D 0.00 D	-- 0.00 D	-- 0.00 D
07/30/85	5050			--	--	--	--	--
01N/12V-34E14 S				--	--	0.030 T	0.012 T	--
04/30/85 5050	5050 5050			--	--	0.01 D 0.01 D	-- 0.01 D	-- 0.01 D
01N/12V-34N01 S				--	--	--	--	--
01/25/85 1000	5050 5050			0.00 D 0.00 D	0.00 D 0.00 D	-- 0.00 D	0.030 T 0.03 D	0.00 D 0.00 D
01/25/85 1300	5050 5050			--	--	0.00 D 0.00 D	-- 0.00 D	-- 0.02 D
07/31/85 1315	5050 1315			--	--	0.030 T	0.012 T	--

TABLE E-2 (CONTINUED)  
MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP °F	ARSENIC	BARIUM CADIUM	CHROM (ALL) CHROM	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
				CONSTITUENTS IN MILLIGRAMS PER LITER						
				CONTINUED						
				LOS ANGELES MR LA-SAN GABRIEL RIVER HILL RAYMOND HA PASADENA HSA						
07/31/85	5050									
1000							0.030 T	0.012 T		
				MONK HILL HSA						
07/31/85	5050						0.030 T	0.012 T		
0750										
				01N/12V-05G01 S						
01/25/85	5050						0.00 D			
1040	5050						0.03 D	0.00 D		0.00 D
				01N/12V-05M01 S						
05/01/85	5050			0.00 D	0.1 D	0.00 D		0.00 D	0.000 T	0.00 D
				01N/12V-06M01 S						
06/04/85	5050						0.02 D			
5050							0.02 D	0.00 D		0.03 D
				01N/12V-06M06 S						
01/25/85	5050			0.00 D	0.0 D	0.00 D		0.01 D	0.030 T	0.00 D
1030	5050								0.00 D	
				07/30/85 5050						
1435							0.030 T	0.012 T		
				01N/12V-08M02 S						
01/25/85	5050						0.00 D			
1120	5050						0.00 D	0.00 D		0.02 D
				07/31/85 1101						
0700							0.036 T	0.012 T		
				01N/12V-09E01 S						
01/25/85	5050						0.00 D			
1100	5050						0.01 D	0.00 D		0.02 D
				01N/12V-09M01 S						
01/25/85	5050						0.00 D			
1140	5050						0.17 D	0.00 D		0.01 D
				06/05/85 5050						
				0.00 D	0.0 D	0.00 D		0.00 D	0.031 T	0.00 D
				01N/11V-21C06 S						
01/25/85	5050			0.00 D	0.0 D	0.00 D		0.00 D	0.000 T	0.00 D
1020	5050								0.03 D	
				01N/09V-19M01 S						
07/31/85	1101		72.0F				0.030 T	0.012 T		
0930										
				01N/10V-34L01 S						
07/30/85	1101		63.0F				0.030 T	0.012 T		
0940										
				01N/11V-31R01 S						
08/15/85	1101		70.0F				0.030 T	0.012 T		
1459										
				01N/11V-34M03 S						
07/31/85	5050						0.030 T	0.012 T		
0730										
				01N/11V-35L01 S						
08/15/85	1101		64.0F				0.030 T		0.012 T	
1056										
				01S/09V-04J01 S						
08/28/85	1101		68.0F				0.030 T	0.012 T		
				01S/10V-07A06 S						
08/05/85	1101		56.0F				0.030 T	0.012 T		
				01S/10V-12P01 S						
08/01/85	5050									
1335							0.030 T	0.012 T		



TABLE E-2 (CONTINUED)

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	CONSTITUENTS NITRITUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
II II-05 II-05.0 II-05.01 015/104-19007 S				LOS ANGELES HA LA-SAN GABRIEL RIVER HA SAN GABRIEL VALLEY HA MAIN SAN GABRIEL NSA						CONTINUED
08/05/85	1101		60.0F	--	--	--	0.030 T	0.012 T	--	--
	015/104-20805 S									
09/01/85	5050 1445			--	--	--	0.030 T	0.012 T	--	--
	015/104-21F02 S									
08/20/85	1101 0816		69.0F	--	--	--	0.030 T	0.012 T	--	--
	015/104-31905 S									
07/31/85	5050 0915			--	--	--	0.030 T	0.012 T	--	--
	015/104-32801 S									
08/01/85	5050 1435			--	--	--	0.030 T	0.012 T	--	--
	015/114-02602 S									
08/06/85	1101 0830			--	--	--	0.030 T	0.012 T	--	--
	015/114-02401 S									
08/05/85	1101 0820			--	--	--	0.030 T	0.012 T	--	--
	015/114-06002 S									
08/29/85	1101		69.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-07402 S									
07/30/85	5050 1005			--	--	--	0.030 T	0.012 T	--	--
	015/114-10F02 S									
08/15/85	1101 1107		65.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-12J07 S									
08/05/85	1101			--	--	--	0.030 T	0.012 T	--	--
	015/114-15102 S									
08/15/85	1101 1015		64.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-22801 S									
08/15/85	1101 1212		65.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-25001 S									
08/05/85	1101		71.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-30F01 S									
08/06/85	1101 1115			--	--	--	0.030 T	0.012 T	--	--
	015/114-34F01 S									
08/28/85	1101		69.0F	--	--	--	0.030 T	--	0.012 T	--
	015/124-10E01 S									
07/30/85	5050			--	--	--	0.030 T	0.012 T	--	--
	015/124-13801 S									
07/30/85	1101 0925			--	--	--	0.030 T	0.012 T	--	--
	015/124-24E04 S									
08/15/85	1101 1132		71.0F	--	--	--	0.030 T	0.012 T	--	--
	015/124-25801 S									
08/06/85	1101 1055			--	--	--	0.030 T	0.012 T	--	--
	015/124-25808 S									
08/06/85	1101 1125			--	--	--	0.030 T	0.012 T	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER												
DATE TIME	SAMP LAR	EC	TEMP PH	ARSENIC	CONSTITUENTS BARIIUM CAIOMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC		
	U U-05 U-05.0 U-05.01 025/09W-18F02 S				LOS ANGELES NB LA-SAN GABRIEL RIVER HU SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA			CONTINUED				
08/20/85 1229	1101		66.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	025/09W-18N01 S											
08/20/85 1400	1101		73.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	025/10W-08E02 S											
08/29/85	1101			--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	025/10W-13H02 S											
08/05/85	1101		72.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	U-05.02 01N/10W-29K01 S				LOWER CANYON HSA							
08/15/85 0945	1101		63.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	U-05.03 01H/10W-23C01 S				UPPER CANYON HSA							
07/30/85 1015	1101		61.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	01H/10W-27C02 S											
07/30/85 0845	1101		61.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	U-05.E U-05.E1 01S/09W-250J1 S				SPAORA HA SAN JOSE WASH HSA							
08/20/85 1030	1101		68.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	01S/09W-26H01 S											
08/08/85	1101			--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	U-05.E2 01S/08W-07G02 S				POMONA HSA							
07/30/85 1415	1101		72.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	01S/08W-10N01 S											
08/15/85	1101		68.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--		
	01S/09W-12P01 S											
08/02/85 0800	5050			--	--	--	-- 0.030 T	-- 0.012 T	--	--		

TABLE E-2 (CONTINUED)

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP °F	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER MARIUM CADIUM	CHROM (ALL) CHROM (HEV)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	Y Y-01 Y-01.A Y-01.B1 01S/08V-10M07 S			SANTA ANA HA SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINN HSA						
07/30/85 1350	1101		64.0F	--	--	--	0.030 T	0.012 T	--	--
	01S/08V-19A02 S									
08/28/85 1101			71.0F	--	--	--	0.030 T	0.012 T	--	--
	01S/08V-28M01 S									
08/08/85 1101				--	--	--	0.030 T	0.012 T	--	--
	01S/08V-32P05 S									
08/05/85 1101			70.0F	--	--	--	0.030 T	0.012 T	--	--
	Y-01.B3 01S/08V-03A01 S			CLARENDON HSA						
07/30/85 1310	1101		64.0F	--	--	--	0.030 T	0.012 T	--	--
	01S/08V-03F03 S									
08/08/85 1101				--	--	--	0.030 T	0.012 T	--	--
	Y-02 Y-02.A Y-02.B1 05S/01V-01C01 S			SAN JACINTO VALLEY HU SAN JACINTO HA GILMAN HOT SPRINGS HSA						
05/02/85 0800	5875 5875			--	0.1 T	--	0.1 T 0.6 T	-- 0.1 T	--	-- 0.1 T

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP °F	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER MARIUM CADIUM	CHROM (ALL) CHROM (HEV)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	Z Z-07 Z-07.A Z-07.A3 16S/01V-12J01 S			SAN DIEGO HA SAN DIEGO RIVER HU LOWER SAN DIEGO HA EL CAJON HSA						
10/10/84 1345	5050	3000	73.0 7.0	--	--	--	0.03 0	--	--	--

# **TABLE E-3** **MISCELLANEOUS ANALYSES OF GROUND WATER**

## **Lab and Sampler Agency Codes**

5050      -      California Department of Water Resources

## **Abbreviations and Constituents**

TIME	- Pacific Standard Time on a 24-hour clock
L-pH	- Lab determination of acidity or alkalinity of water
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	- Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	- Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
IODIDE	- Iodide in milligrams per liter
T ODOR	- Threshold odor number at 60 degrees C
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter
CC EXT	- Carbon chloroform extract
CA EXT	- Carbon alcohol extract

TABLE E-3  
MISCELLANEOUS ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	L-PH	HAAS	T+L CHLNR	SEY S N+G COLOR	ML/L MG/L	RON SUS S	COO V SUS S	CYANIDE PHENOLS	TOC DOC	IOIOIE T NOOR	BROMINE SULFITE	T SULF O SULF	CC EXT CA EXT
	U U-05 U-05.C U-05.C1													
	01N/11W-30J01 S													
05/03/85	5050													
	5050	7.7	0.00 L	--	--	1	--	--	--	--	--	--	--	--
06/04/85	5050													
	5050	8.1	0.01 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-20B01 S													
04/25/85	5050													
	5050	7.5	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-25K01 S													
01/25/85	5050													
	1230 5050	8.1	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-26A01 S													
04/30/85	5050													
	5050	8.1	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-34C01 S													
04/30/85	5050													
	5050	8.1	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-34E04 S													
01/25/85	5050													
	1330 5050	8.3	0.01 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-34E14 S													
04/30/85	5050													
	5050	8.0	0.00 L	--	--	2	--	--	--	--	--	--	--	--
	01N/12W-34N01 S													
01/25/85	5050													
	1303 5050	7.9	0.00 L	--	--	0	--	--	--	--	--	--	--	--
	U-05.C2													
	01N/12W-05G01 S													
01/25/85	5050													
	1040 5050	8.0	0.00 L	--	--	0	--	--	--	--	--	--	--	--
	01N/12W-06M06 S													
06/04/85	5050													
	5050	7.7	0.02 L	--	--	0	--	--	--	--	--	--	--	--
	01N/12W-08H02 S													
01/25/85	5050													
	1120 5050	8.0	0.01 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-09E01 S													
01/25/85	5050													
	1100 5050	8.2	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/12W-09R01 S													
01/25/85	5050													
	1140 5050	7.7	0.00 L	--	--	3	--	--	--	--	--	--	--	--

# **TABLE E-4** **NUTRIENT ANALYSES OF GROUND WATER**

## **Lab and Sampler Agency Code**

1101	- Los Angeles County Flood Control District
5050	- California Department of Water Resources

## **Abbreviations**

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
F EC	- Field determination of electrical conductance in microsiemens at 25°C
F PH	- Field determination of acidity or alkalinity
TURB	- Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
F-CO2	- Field determination of carbon dioxide in milligrams per liter
P ALK	- Field determination of alkalinity (phenol)
T ALK	- Field determination of alkalinity (total)

## **(Nitrogen Series as N)**

D N02+N03	- Dissolved nitrite and nitrate
D N02	- Dissolved nitrite
D N03	- Dissolved nitrate
D ORG N	- Dissolved organic nitrogen
T ORG N	- Total organic nitrogen
D NH 3	- Dissolved ammonia
T NH 3	- Total ammonia
T (NH3+ORG N)	- Total ammonia plus organic nitrogen

## **(Phosphorus Series as P)**

DIS.A.H.P04	- Dissolved acid hydrolyzable phosphate
D O-P04	- Dissolved orthophosphate
T O-P04	- Total orthophosphate
D TOT P	- Dissolved total phosphorus
T TOT P	- Total phosphorus
REM	- Remarks: code letter Z means that the value of the constituent is greater than the field limit, in which case all 9's will appear.

NUTRIENT ANALYSES OF GROUND WATER

203

DATE TIME	SAMP LAB	TEMP	FIELD				CONSTITUENTS IN MILLIGRAMS PER LITER				O-P04 T-TOT P	O-TOT P T-TOT P	REMARKS				
			F EC F PM	TURB F C02	P 4LK T 4LK	D NO2 + D NO3	D NO2 D NO3	D NH3 T NH3	D NH3 + T NH3	OIS A.M.P04							
			U-03 U-03.F U-03.E1 04N/16W-35K01 S		LOS ANGELES HA SANTA CLARA-CALLEGUAS HII UPPER SANTA CLARA RIVER HA EASTERN HSA												
03/14/85 1000	1101 1101	59.0F				--		0.006 1.264	--	--	--	--	0.230 --	--	--		
			04N/16W-35L01 S														
03/19/85 0830	1101 1101	68.0F				--		0.015 0.203	--	--	J.01	--	0.130 --	--	--		
			04N/16W-35M05 S														
03/18/85 1345	1101 1101	65.0F				--		0.015 0.430	--	--	J.01	--	0.130 --	--	--		
			04N/16W-36M34 S														
03/21/85 1101	1101 1101	68.0F				--		0.006 0.723	--	--	0.13	--	0.120 --	--	--		
			04N/17W-03K02 S														
03/20/85 1145	1101 1101	68.0F				--		0.015 0.564	--	--	J.01	--	0.10 --	--	--		
			04N/17W-13C01 S														
03/20/85 0930	1101 1101	69.0F				--		0.015 0.745	--	--	0.01	--	0.10 --	--	--		
			04N/17W-14004 S														
03/20/85 0920	1101 1101	65.0F				--		0.015 0.190	--	--	0.01	--	0.070 --	--	--		
			04N/17W-22E02 S														
03/20/85 0950	1101 1101	69.0F				--		0.015 0.474	--	--	0.01	--	0.1 --	--	--		
			05N/14W-20P01 S														
03/12/85 1250	1101 1101	70.0F				--		0.006 1.44	--	--	0.05	--	0.210 --	--	--		
			05N/15W-33E01 S														
03/12/85 1045	1101 1101	58.0F				--		0.006 0.140	--	--	0.01	--	0.130 --	--	--		
			05N/16W-34P02 S														
03/20/85 1110	1101 1101	68.0F				--		0.015 0.190	--	--	0.01	--	0.100 --	--	--		
			05N/16W-36R03 S														
03/12/85 1015	1101 1101	54.0F				--		0.006 0.108	--	--	0.01	--	0.100 --	--	--		
			U-03.E4 05N/13W-18R01 S		SIERRA PELONA HSA												
03/12/85 1140	1101 1101	55.0F				--		0.006 0.338	--	--	0.01	--	0.10 --	--	--		
			05N/14W-14F02 S														
03/07/85 1505	1101 1101	59.0F				--		0.006 0.806	--	--	0.01	--	0.120 --	--	--		
			U-03.E5 04N/12W-02E02 S		ACTON HSA												
03/12/85 1130	1101 1101	50.0F				--		0.006 0.406	--	--	0.01	--	0.130 --	--	--		
			04N/12W-09G02 S														
03/07/85 1120	1101 1101	50.0F				--		0.006 2.122	--	--	0.01	--	-- --	--	--		



205

[illegible]

TABLE E-4 (CONTINUED)  
NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAR	TEMP	F EC F PH	T TIR F CO2	FIELD P ALK T ALK	D NO2 + N03	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER					D D-PO4 T D-PO4	D TOT P T TOT P
								D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.H.P.O4			
	II-05 II-05.0 II-05.01 01N/11W-34N03 S				LOS ANGELES HA LA-SAN GABRIEL RIVER HII SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA									
07/31/85	5050					--	10.0	--	--	--	--	--	--	
0730							7.40	--	--	--	--	0.080	--	
	01N/11W-35L01 S													
08/15/85	1101	64.0F				--	--	--	--	--	--	0.060	--	
1056							--	--	--	--	--			
	015/09W-04J01 S													
08/28/85	1101	69.0F				--	--	--	--	--	--	50.0	--	
	015/10W-07A0A S						--	--	--	--	--			
08/05/85	1101	56.0F				--	--	--	--	--	--	--	--	
	015/10W-12P01 S						--	--	--	--	--			
08/01/85	5050					--	--	--	--	--	--	--	--	
1335							--	--	--	--	--			
	015/10W-19001 S						--	--	--	--	--			
08/05/85	1101					--	--	--	--	--	--	--	--	
	015/10W-20R05 S						--	--	--	--	--			
08/01/85	5050					--	--	--	--	--	--	--	--	
1445							--	--	--	--	--			
	015/10W-21F02 S						--	--	--	--	--			
08/20/85	1101	69.0F				--	--	--	--	--	--	--	--	
0816							--	--	--	--	--			
	015/10W-31P05 S						--	--	--	--	--			
07/31/85	5050					--	--	--	--	--	--	--	--	
0915							--	--	--	--	--			
	015/11W-02602 S						--	--	--	--	--			
08/06/85	1101					--	--	--	--	--	--	--	--	
0830							--	--	--	--	--			
	015/11W-02M01 S						--	--	--	--	--			
08/05/85	1101					--	--	--	--	--	--	--	--	
0820							--	--	--	--	--			
	015/11W-06N02 S						--	--	--	--	--			
08/29/85	1101					--	--	--	--	--	--	--	--	
	015/11W-07M02 S						--	--	--	--	--			
07/30/85	5050					--	--	--	--	--	--	--	--	
1005							--	--	--	--	--			
	015/11W-10F02 S						--	--	--	--	--			
08/15/85	1101					--	--	--	--	--	--	--	--	
1107							--	--	--	--	--			
	015/11W-12J07 S						--	--	--	--	--			
08/05/85	1101					--	--	--	--	--	--	--	--	
	015/11W-15L02 S						--	--	--	--	--			
08/15/85	1101	64.0F				--	--	--	--	--	--	--	--	
1015							--	--	--	--	--			
	015/11W-22R01 S						--	--	--	--	--			
08/15/85	1101	65.0F				--	--	--	--	--	--	--	--	
1212							--	--	--	--	--			
	015/11W-25001 S						--	--	--	--	--			
08/05/85	1101	71.0F				--	--	--	--	--	--	--	--	
	015/11W-30F01 S						--	--	--	--	--			
08/06/85	1101					--	--	--	--	--	--	--	--	
1115							--	--	--	--	--			
	015/11W-34F01 S						--	--	--	--	--			
08/28/85	1101	69.0F				--	--	--	--	--	--	--	--	
	015/12W-10F01 S						--	--	--	--	--			
07/30/85	5050					--	--	--	--	--	--	--	--	

TABLE E-4 (CONTINUED)  
NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAR	TEMP	F EC F PH	T HRA F CH2	FIELD P ALK T ALK	D NO2 + D NO3	D NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER						O O-P04 Y O-P04	D TOT P T TOT P
								O ORG N	O NH3	T NH3 + ORG N	DIS A.W.P04				
	U				LOS ANGELES HR										
	U-05				LA-SAN GABRIEL RIVER-HI										
	U-05.0				SAN GABRIEL VALLEY HA										
	U-05.01				MAIN SAN GABRIEL HSA										
	01S/12W-24F04 S														
08/15/85	1101	71.0F				--	--	--	--	--	--	--	--	--	--
1132															
	01S/12W-25P01 S														
09/06/85	1101					--	--	--	--	--	--	--	--	--	--
1053															
	01S/12W-2590E S														
09/06/85	1101					--	--	--	--	--	--	--	--	--	--
1125															
	02S/09W-18F02 S														
09/20/85	1101	66.0F				--	--	--	--	--	--	--	--	--	--
1225															
	02S/09W-19N01 S														
09/20/85	1101	73.0F				--	--	--	--	--	--	--	--	--	--
1400															
	02S/10W-08E02 S														
09/29/85	1101					--	--	--	--	--	--	--	--	--	--
	02S/10W-19N02 S														
09/05/85	1101	72.0F				--	--	--	--	--	--	--	--	--	--
	U-05.02				LOWER CANYON HSA										
	01N/10W-29X01 S														
09/15/85	1101	63.0F				--	--	--	--	--	--	--	50.0	--	--
0945															
	U-05.03				UPPER CANYON HSA										
	01N/10W-29C01 S														
07/30/85	1101	61.0F				--	--	--	--	--	--	--	0.02	--	--
1015															
	01N/10W-27C02 S														
07/30/85	1101	61.0F				--	--	--	--	--	--	--	0.13	--	--
0845															
	U-05.04				FOOT-HILL HSA										
	01N/08W-19101 S														
07/30/85	5050	70.0F				--	50.0	--	--	--	--	--	0.050	--	--
1230							22.0	--	0.0	--					
	U-05.05				SPADORA HA										
	U-05.05				SAN JOSE WASH HSA										
	01S/09W-25D01 S														
09/20/85	1101	68.0F				--	--	--	--	--	--	--	--	--	--
1030															
	01S/09W-26W01 S														
09/09/85	1101					--	--	--	--	--	--	--	--	--	--
	U-05.07				POMONA HSA										
	01S/08W-07602 S														
07/30/85	1101	72.0F				--	--	--	--	--	--	--	50.0	--	--
1415															
	01S/08W-10N01 S														
09/15/85	1101	68.0F				--	--	--	--	--	--	--	50.0	--	--
	01S/09W-12P01 S														
09/02/85	5050					--	6.240	--	--	--	--	--	50.0	--	--
0800							15.0	--	--	--					

CONTINUED

TABLE E-4 (CONTINUED)  
NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAP	TEMP	FIELD		CONSTITUENTS IN MILLIGRAMS PER LITER										D T-PO4 T T-PO4	D TOT P T TOT P
			F EC F PH	THRR F C02	P ALK T ALK	D NO2 + D NO3	D NO2 D NO3	D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	D15 A-H-P04	D15 A-H-P04				
	Y			SANTA ANA HR												
	Y-01			SANTA ANA RIVER H4												
	Y-01.R			MIDDLE SANTA ANA RIVER H4												
	Y-01.R1			CHINNO HSA												
	015/08W-10407 S															
07/30/85	1101	64.0F				--	--	--	--	--	--	--	--	50.0	--	--
1310							--	--	--	--	--	--				
	015/08W-19402 S															
08/28/85	1101	71.0F				--	--	--	--	--	--	--	--	50.0	--	--
							--	--	--	--	--	--				
	015/08W-29401 S															
08/08/85	1101					--	10.0	--	--	--	--	--	--	50.0	--	--
							17.0	--	--	--	--	--				
	015/08W-32405 S															
08/05/85	1101	70.0F				--	--	--	--	--	--	--	--	0.070	--	--
							--	--	--	--	--	--				
	Y-01.R3			CLAREMONT HSA												
	015/08W-09401 S															
07/30/85	1101	64.0F				--	--	--	--	--	--	--	--	50.0	--	--
1310							--	--	--	--	--	--				
	015/08W-03403 S															
08/08/85	1101					--	10.0	--	--	--	--	--	--	50.0	--	--
							4.0	--	--	--	--	--				

THIS BOOK IS DUE ON THE LAST DATE  
STAMPED BELOW

BOOKS REQUESTED BY ANOTHER BORROWER  
ARE SUBJECT TO IMMEDIATE RECALL

JUN 30 1995

RECEIVED

JUN 08 1995

PHYSICAL SCI. LIBRARY

## ADDITIONAL INFORMATION

Inquiries regarding specific stations or local data should be directed to the Department of Water Resources offices shown below:

### County

### District Office

Butte, Colusa, Del Norte, Glenn, Humboldt,  
Lake, Lassen, Modoc, Plumas, Shasta,  
Siskiyou, Tehama, and Trinity

Northern District  
P. O. Box 607  
2440 Main Street  
Red Bluff, CA 96080  
(916) 527-6530

Alameda, Alpine, Amador, Calaveras, Contra  
Costa, El Dorado, Marin, Mendocino, Mono  
(North), Napa, Nevada, Placer, Sacramento,  
San Francisco, San Joaquin, San Mateo,  
Santa Clara, Sierra, Solano, Sonoma, Sutter,  
Tuolumne, Yolo, and Yuba

Central District  
3521 "S" Street  
Sacramento, CA 95816-7017  
(916) 445-6831

Fresno, Kern (valley), Kings, Madera, Mariposa,  
Merced, Monterey, San Benito, Santa Cruz,  
Stanislaus, and Tulare

San Joaquin District  
3374 East Shields Avenue  
Fresno, CA 93726-6990  
(209) 445-5443

Imperial, Inyo, Kern (desert), Los Angeles,  
Orange, Riverside, Mono (South), San  
Bernardino, San Diego, San Luis Obispo,  
Santa Barbara, and Ventura

Southern District  
P. O. Box 6598  
849 South Broadway, Suite 500  
Los Angeles, CA 90055-1598  
(213) 620-4107

Inquiries regarding statewide data should be directed to the Division of Planning:

Department of Water Resources  
Division of Planning  
Statewide Data Coordinator  
P. O. Box 942836  
Sacramento, CA 94236-0001  
(916) 445-7314

State of California—Resources Agency  
Department of Water Resources  
P.O. Box 942836  
Sacramento CA 94236-0001



UNIVERSITY OF CALIFORNIA DAVIS



3 1175 02041 4820

Gaylord